

FIG. 1

## Event Loop

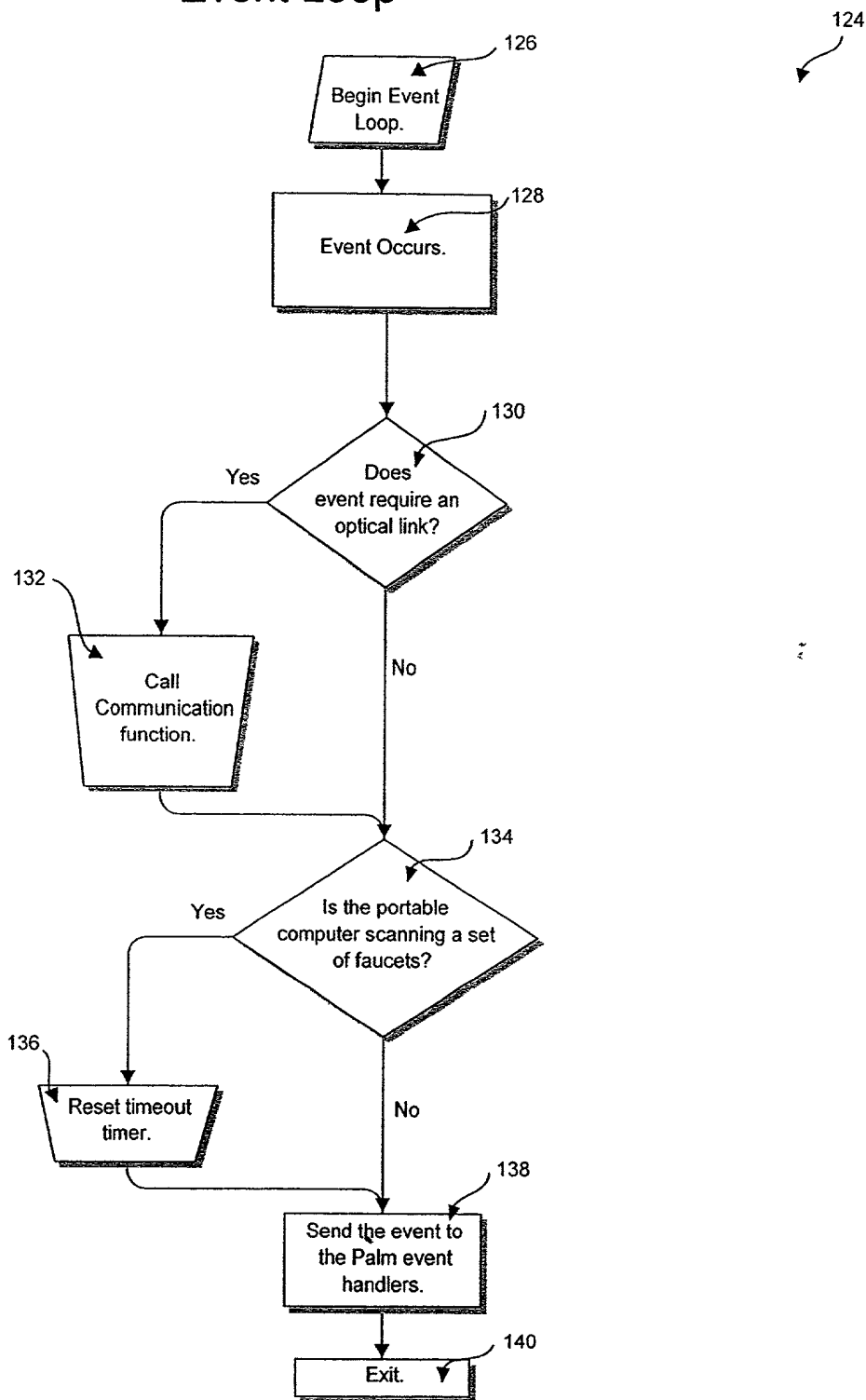
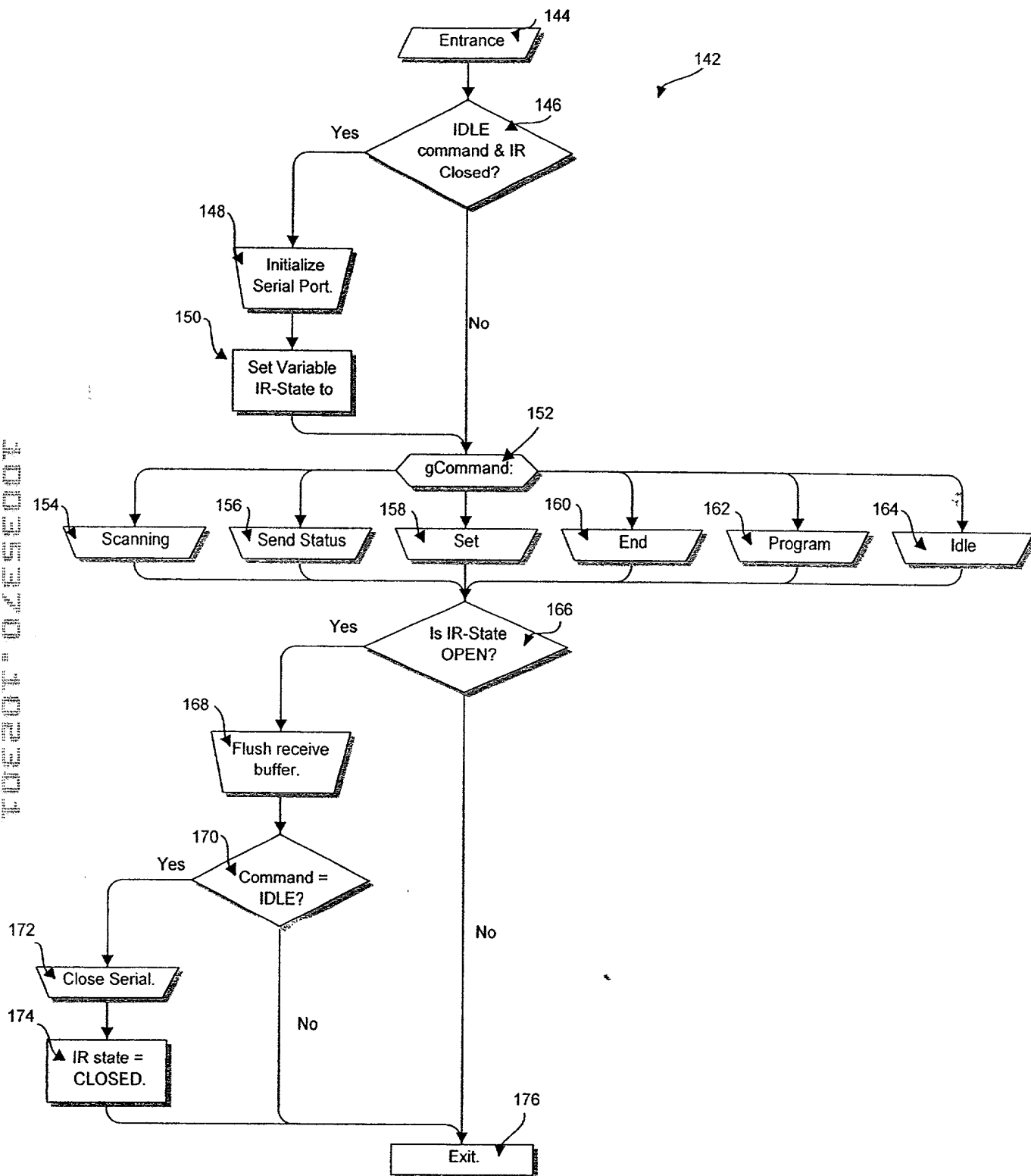


Fig. 2

# Communication Function



**Fig. 3**

## Status Function

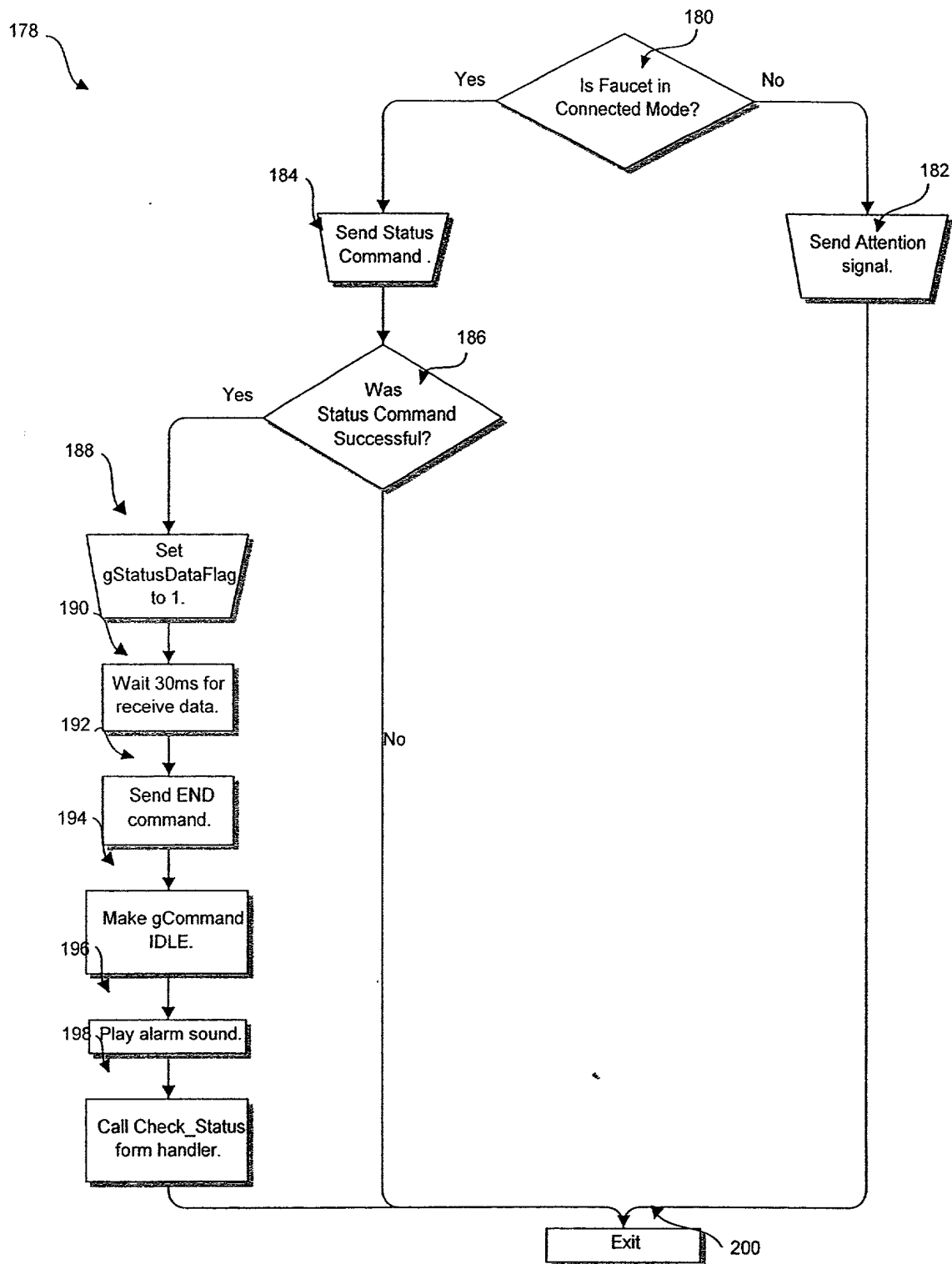


Fig. 4

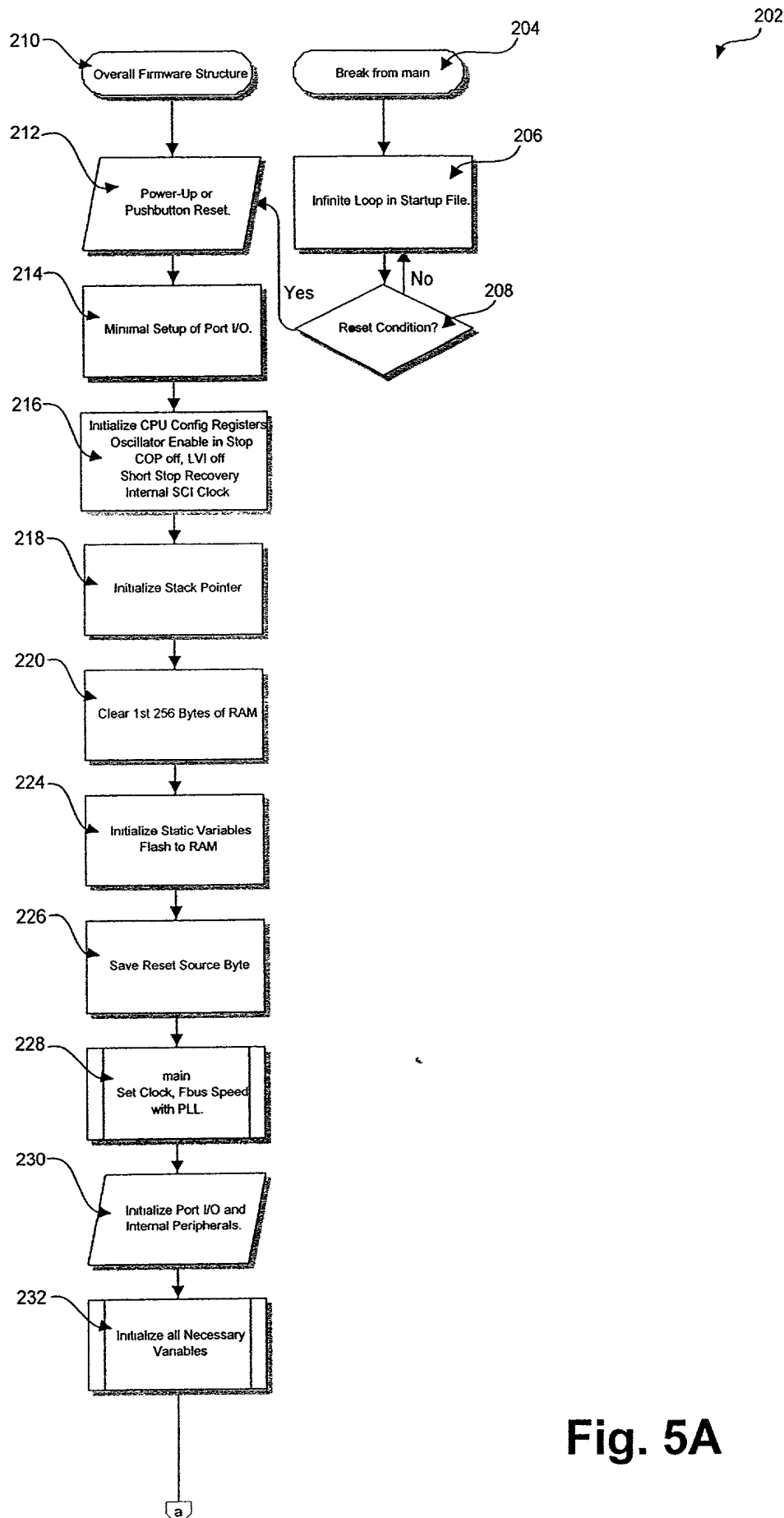
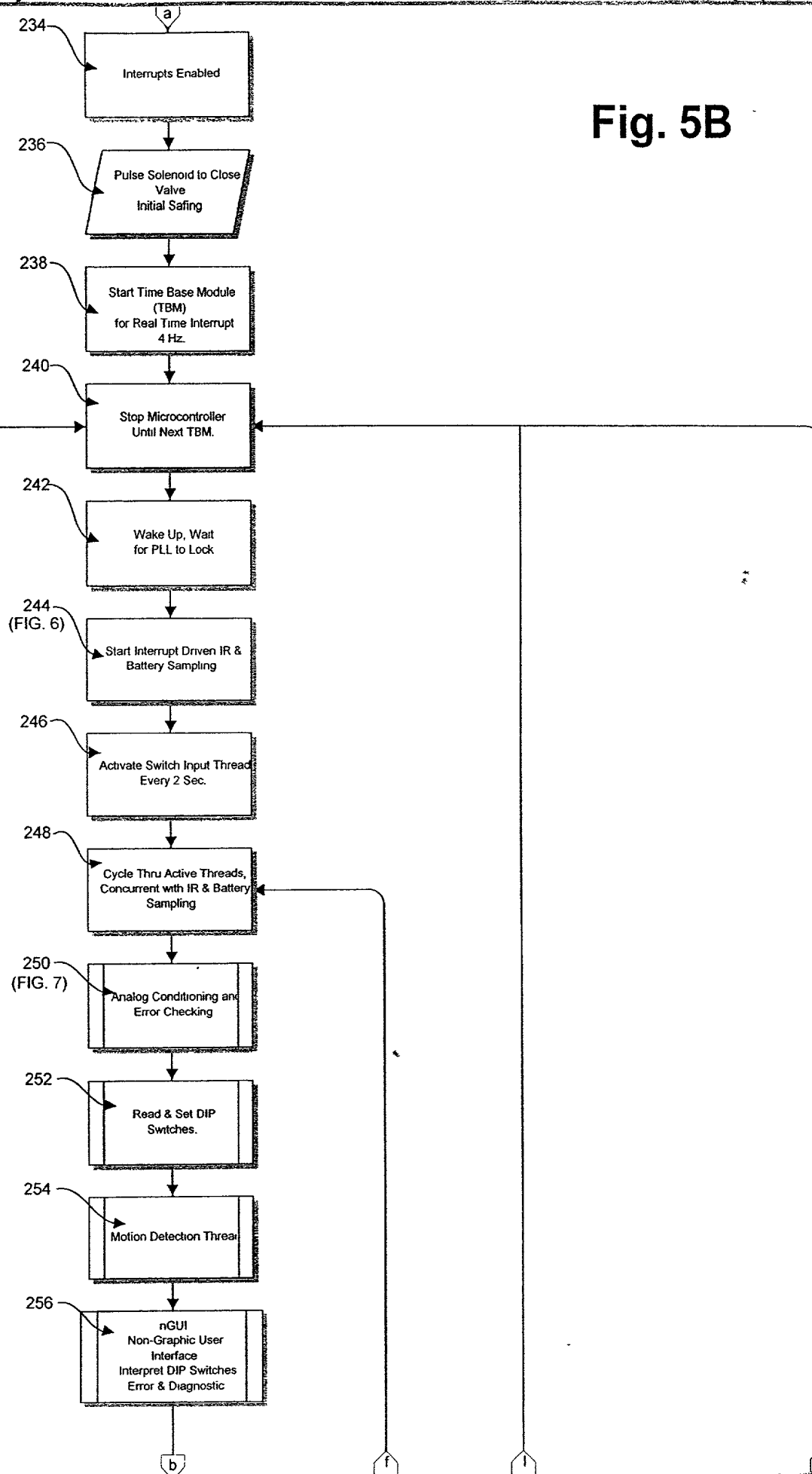


Fig. 5A

Fig. 5B



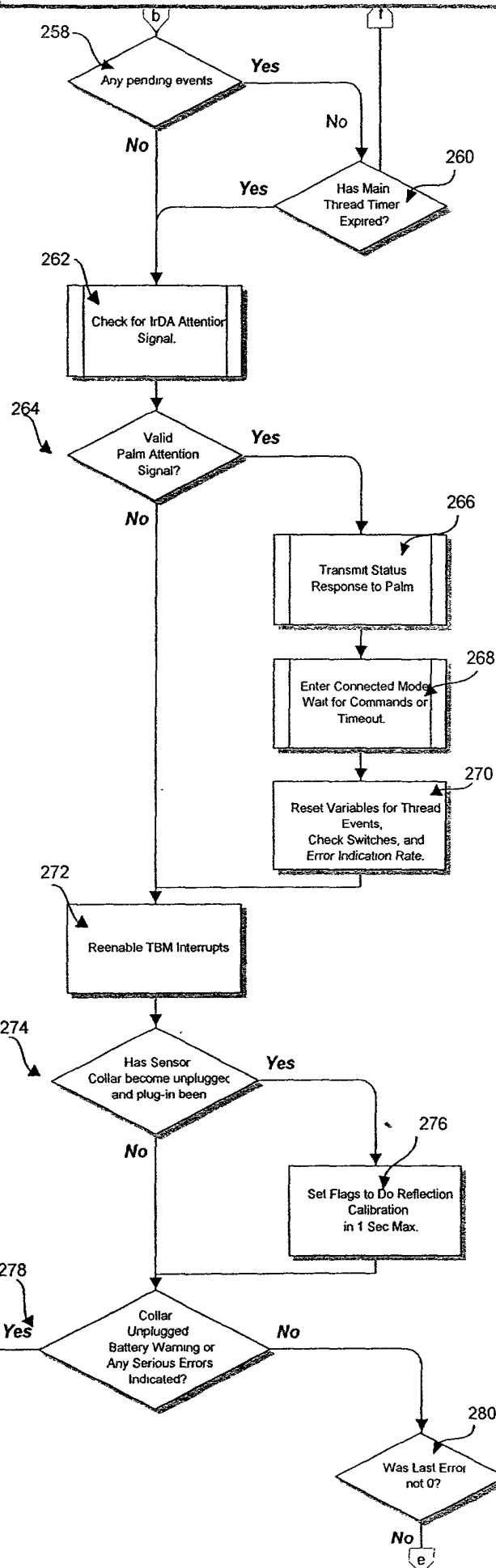


Fig. 5C

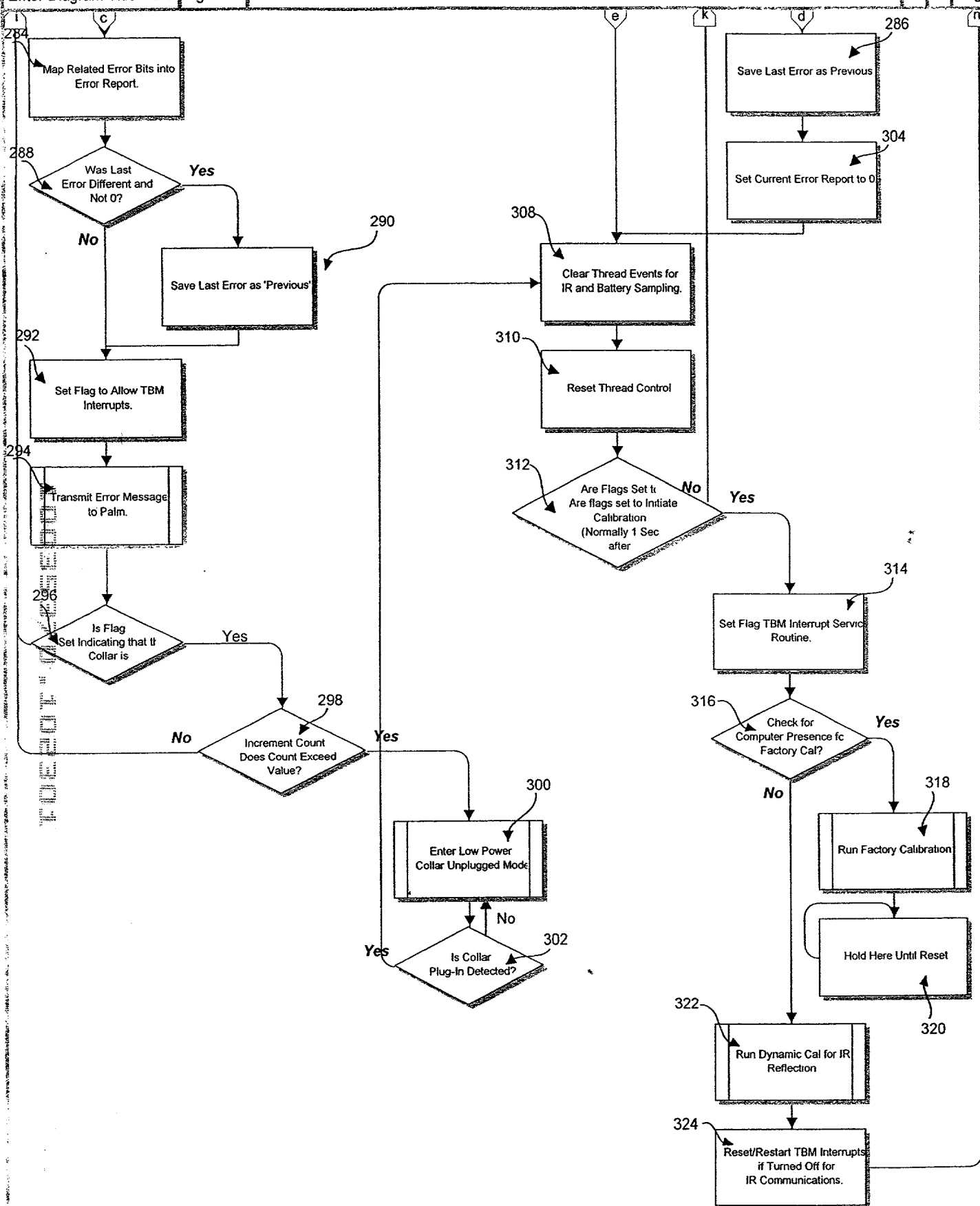


Fig. 5D



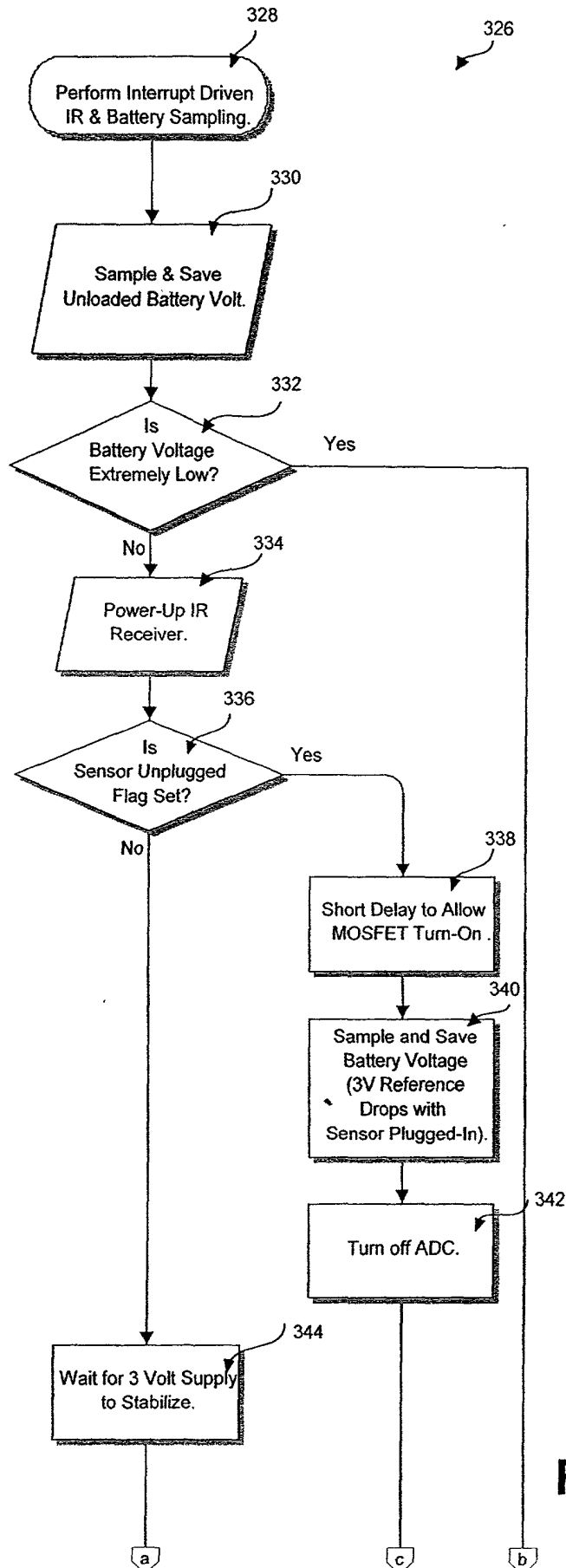


Fig. 6A

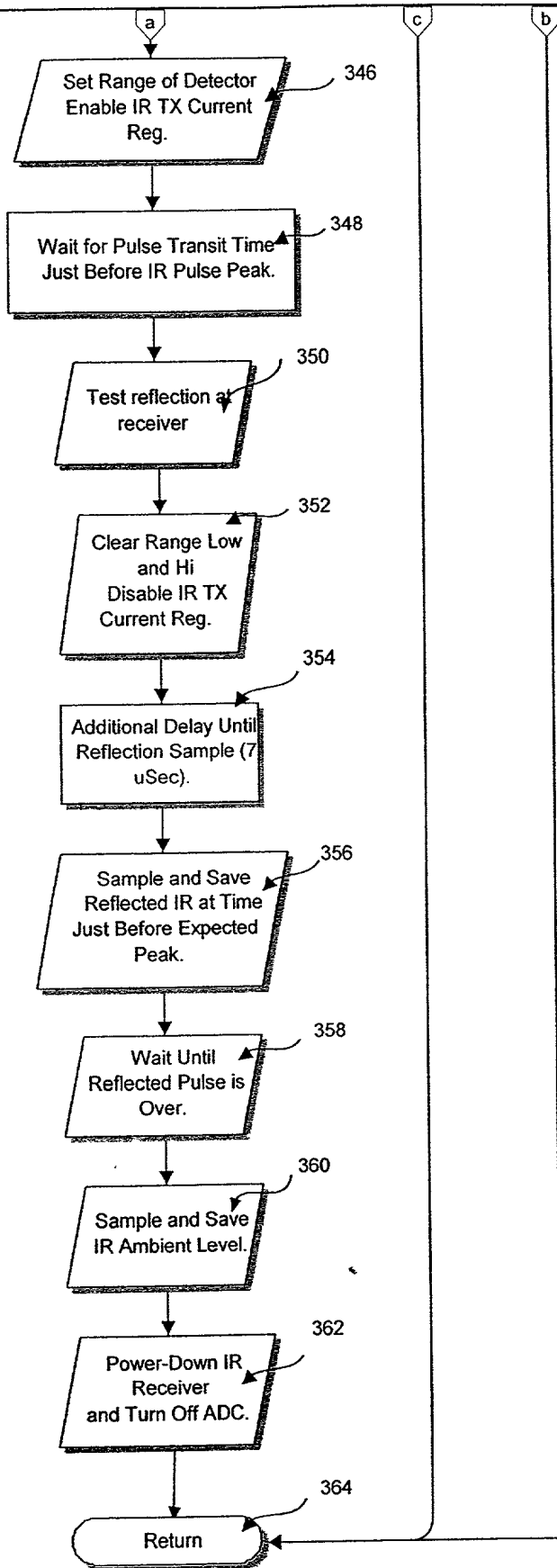


Fig. 6B

FIG. 7A

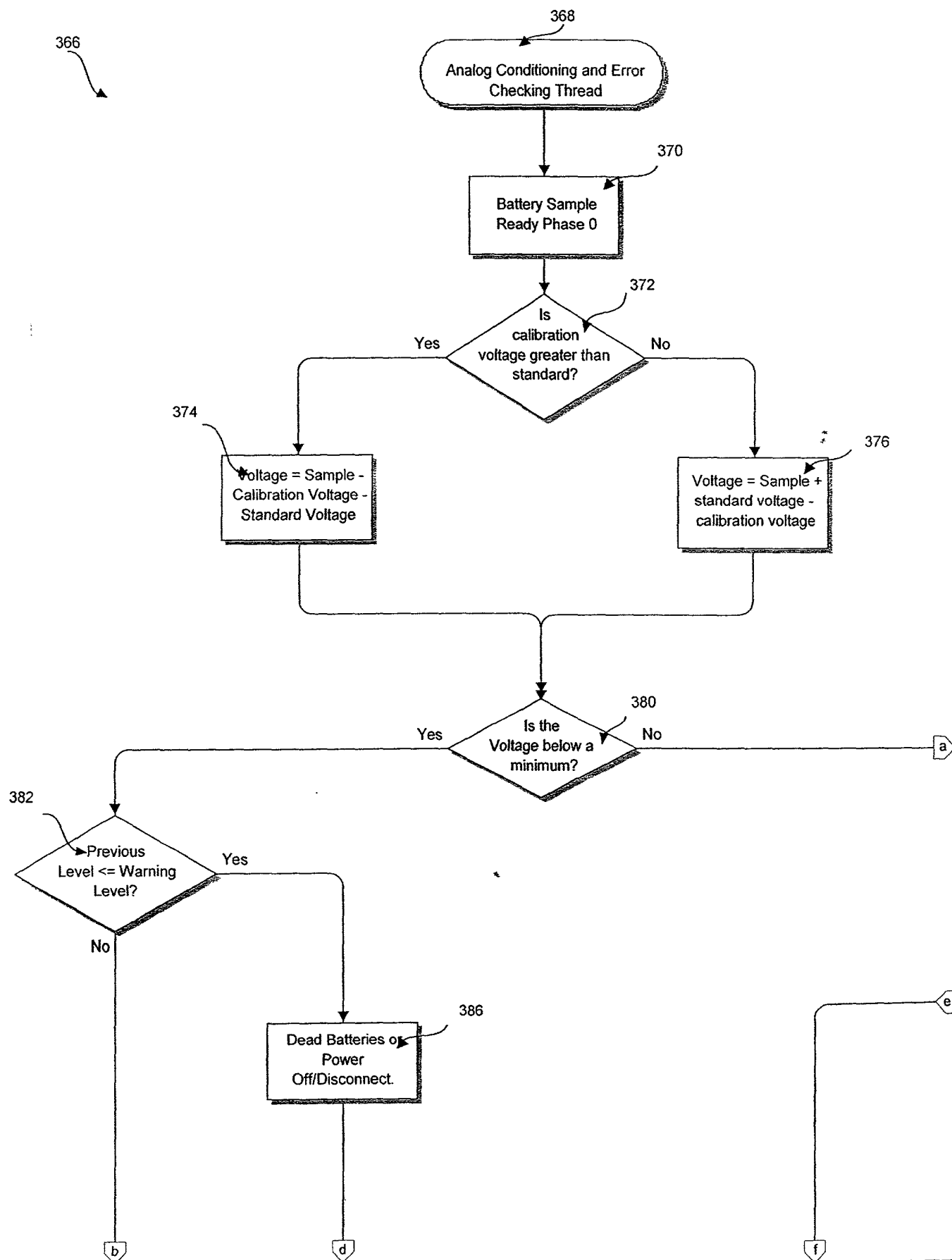
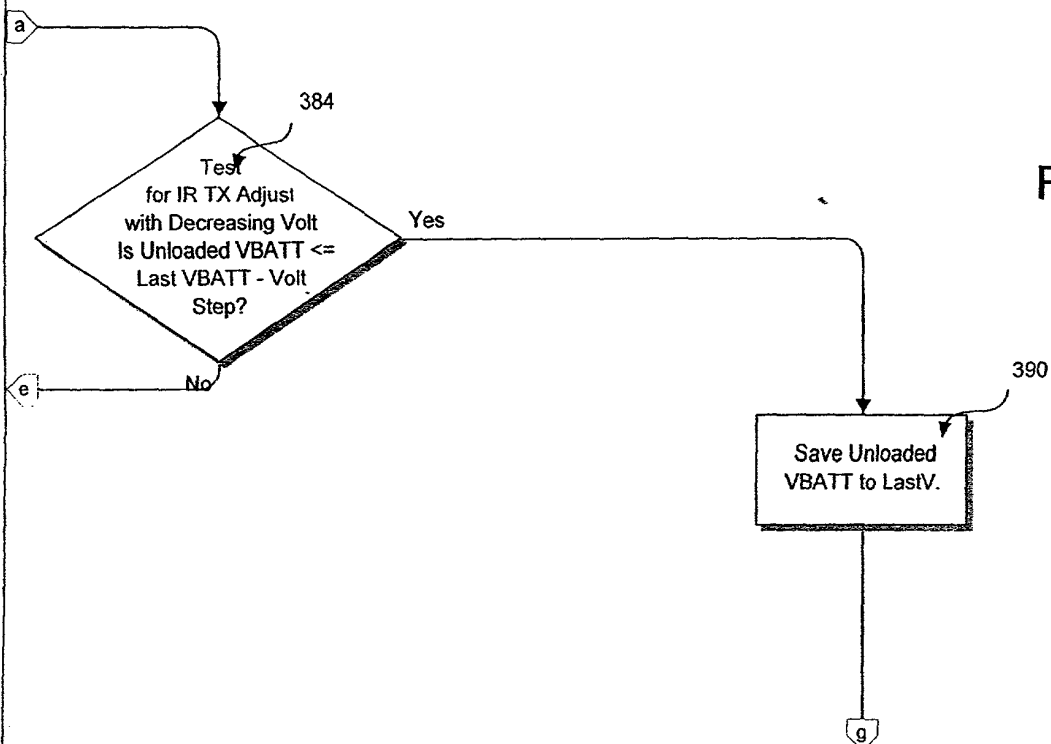


FIG. 7B

FIG. 7B



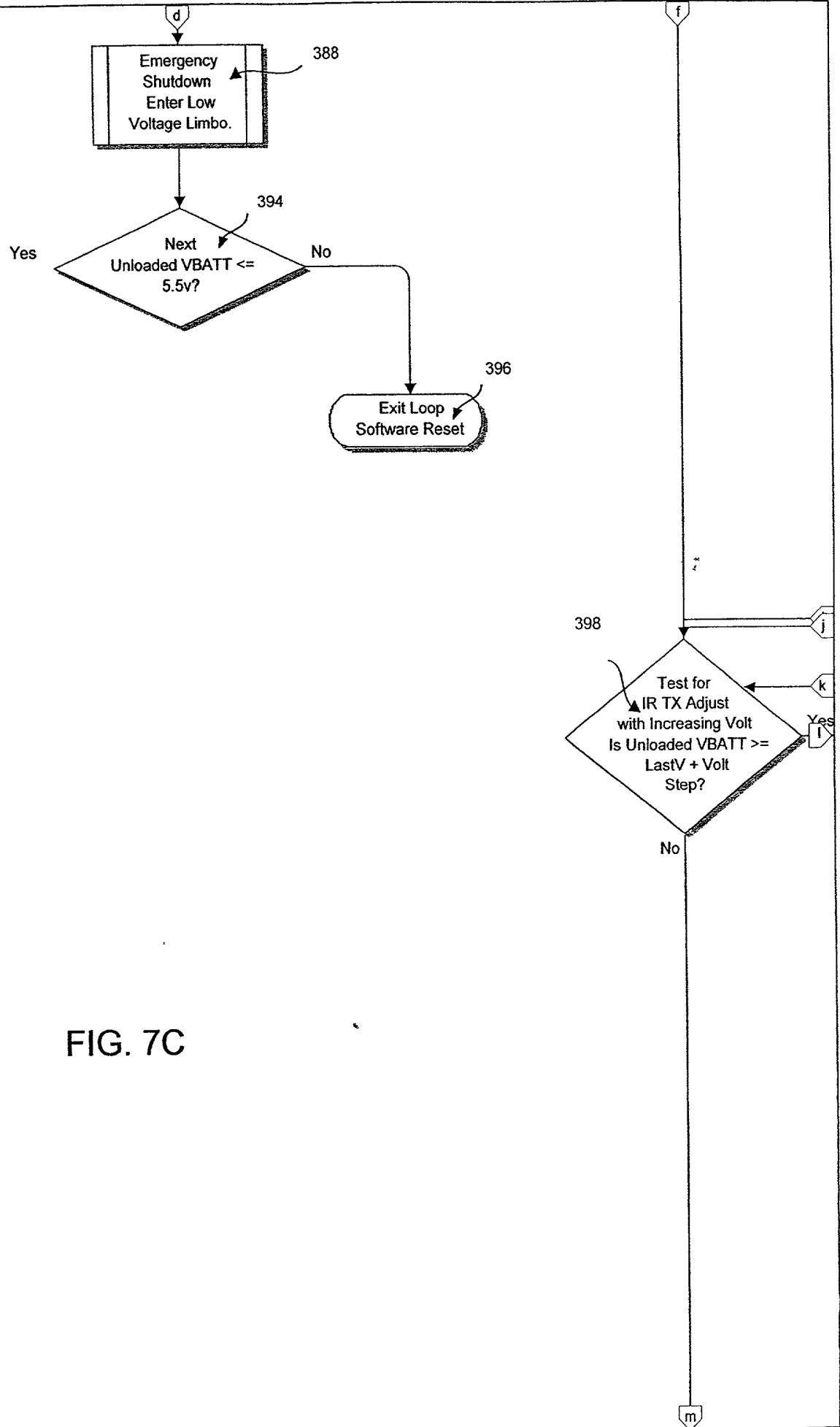
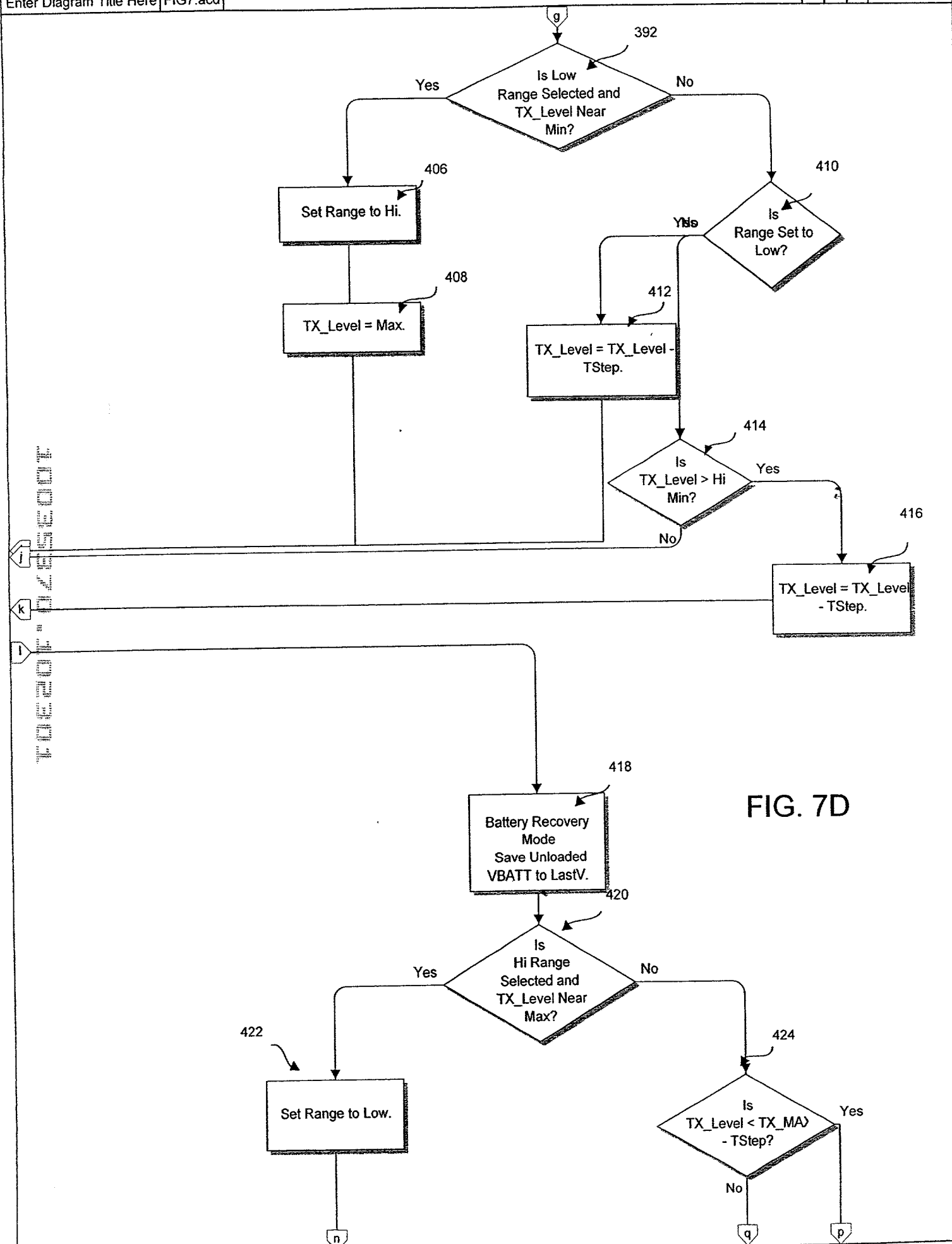


FIG. 7C



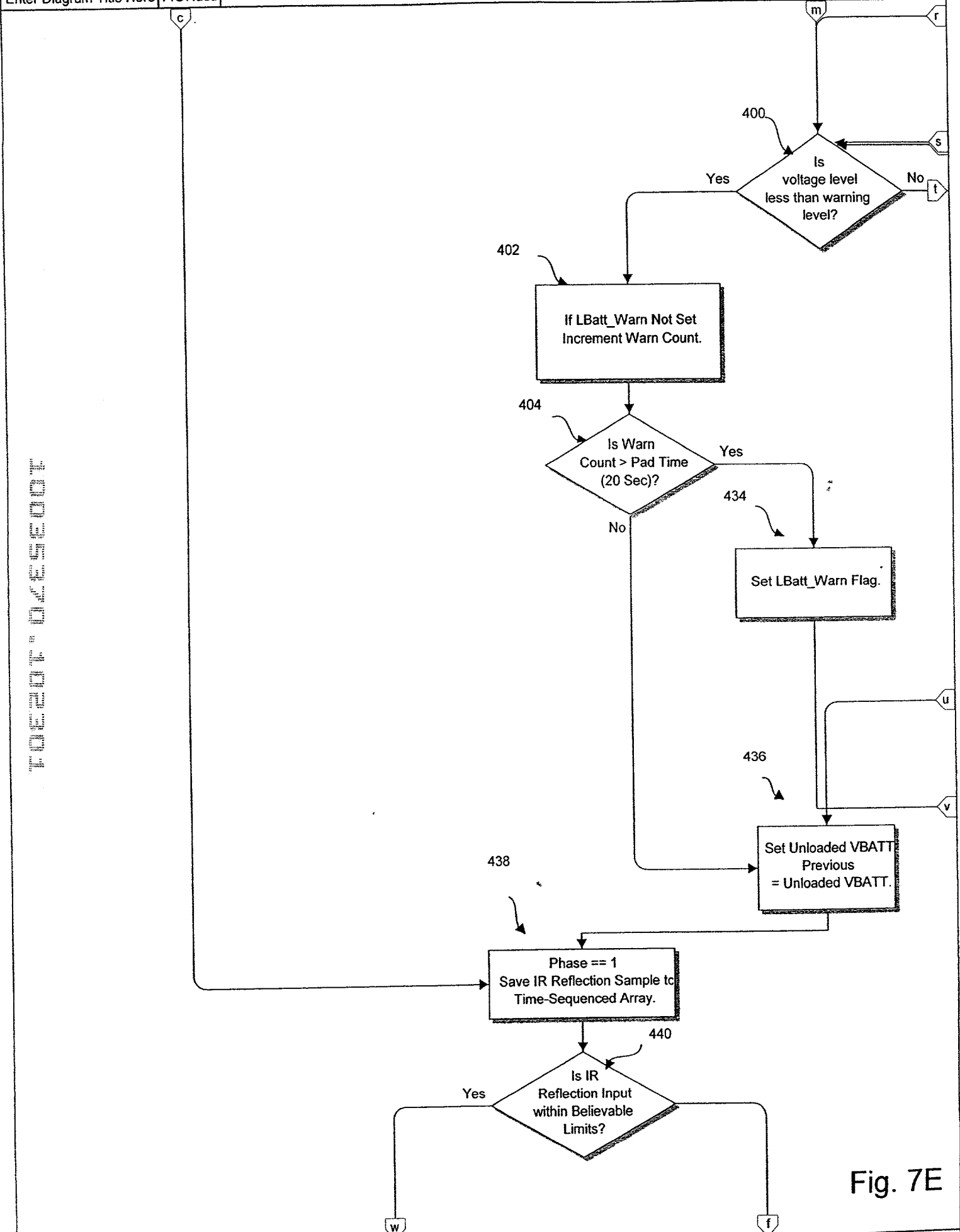


Fig. 7E

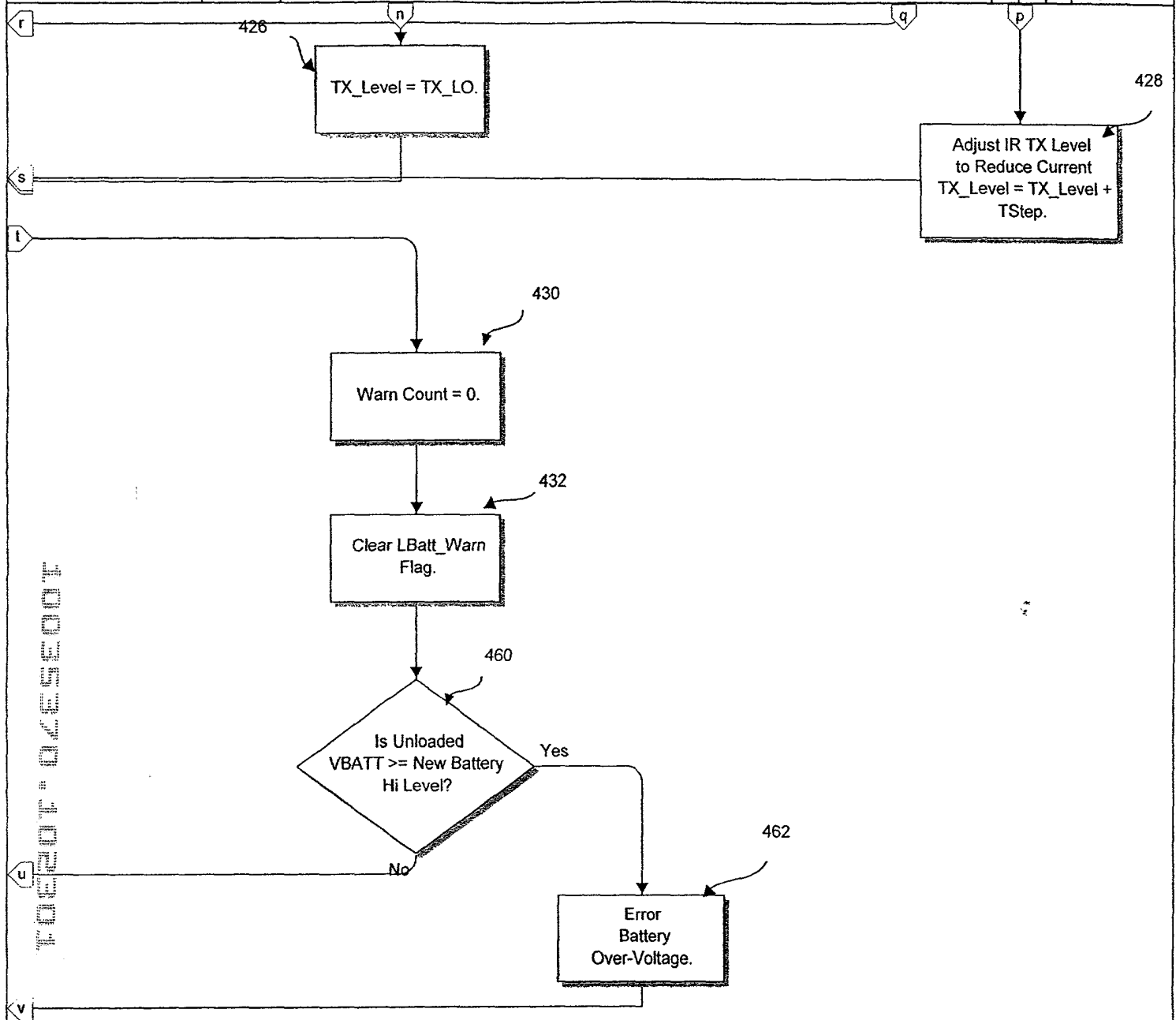


FIG. 7F



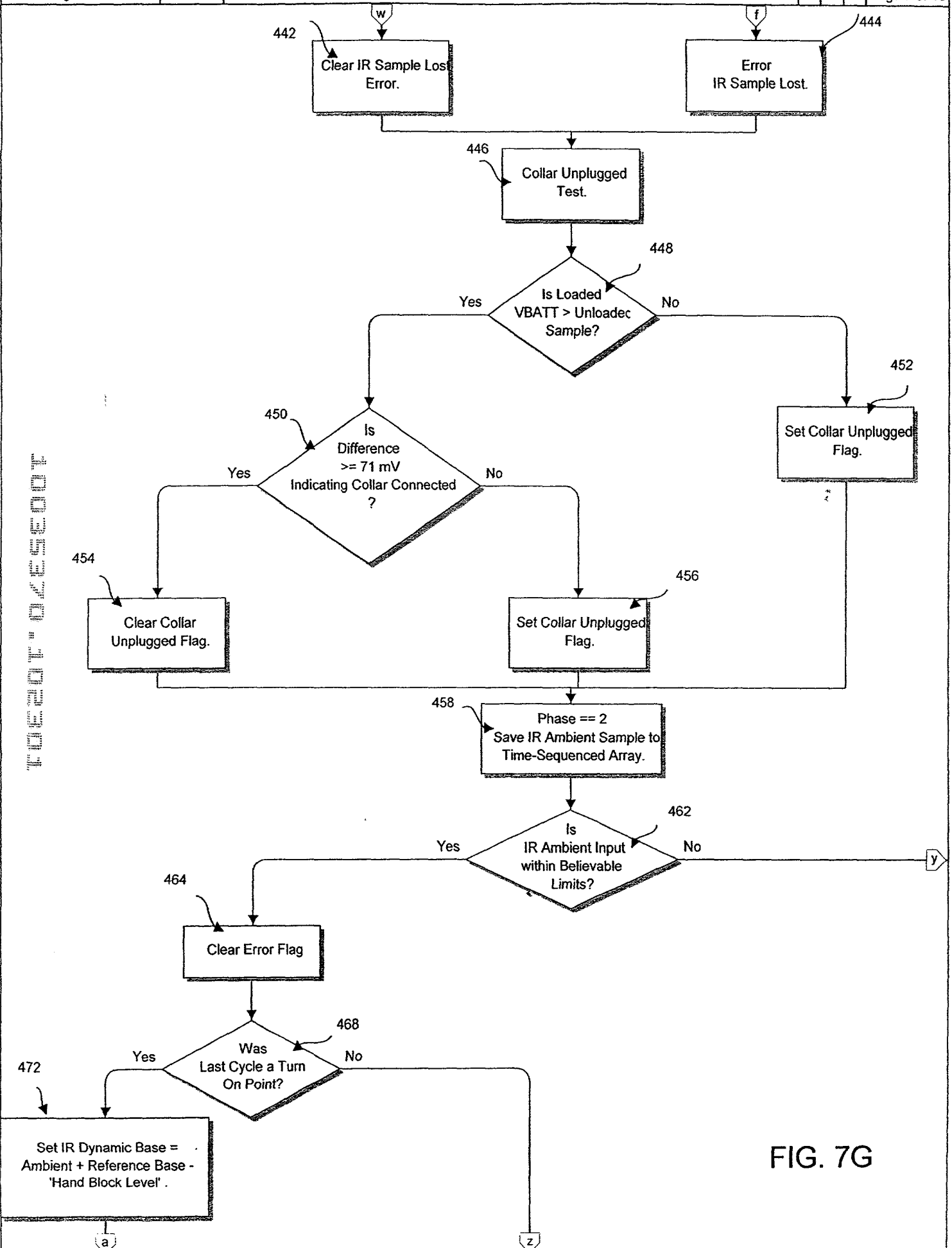
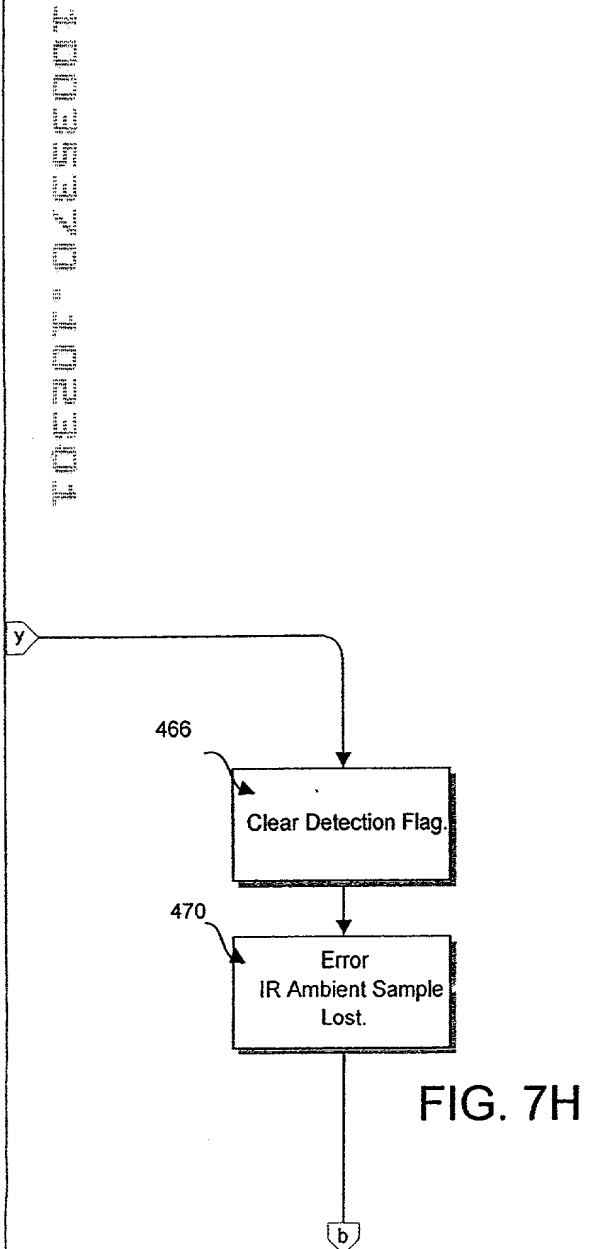


FIG. 7G



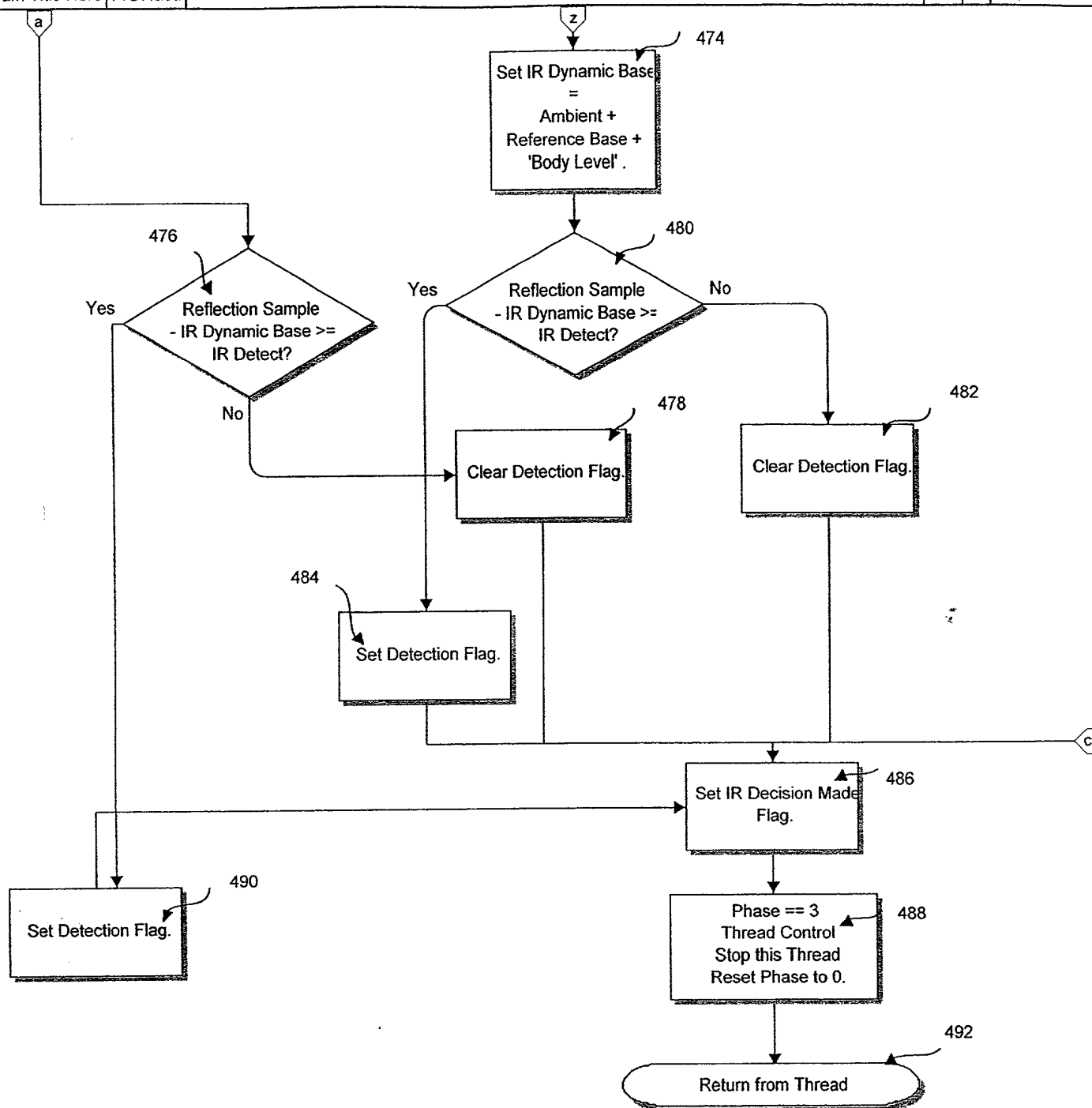


FIG. 7I

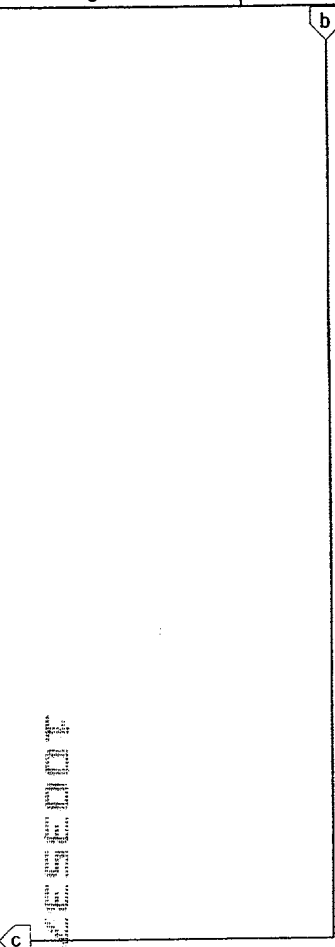


FIG. 7J

FIG. 8A

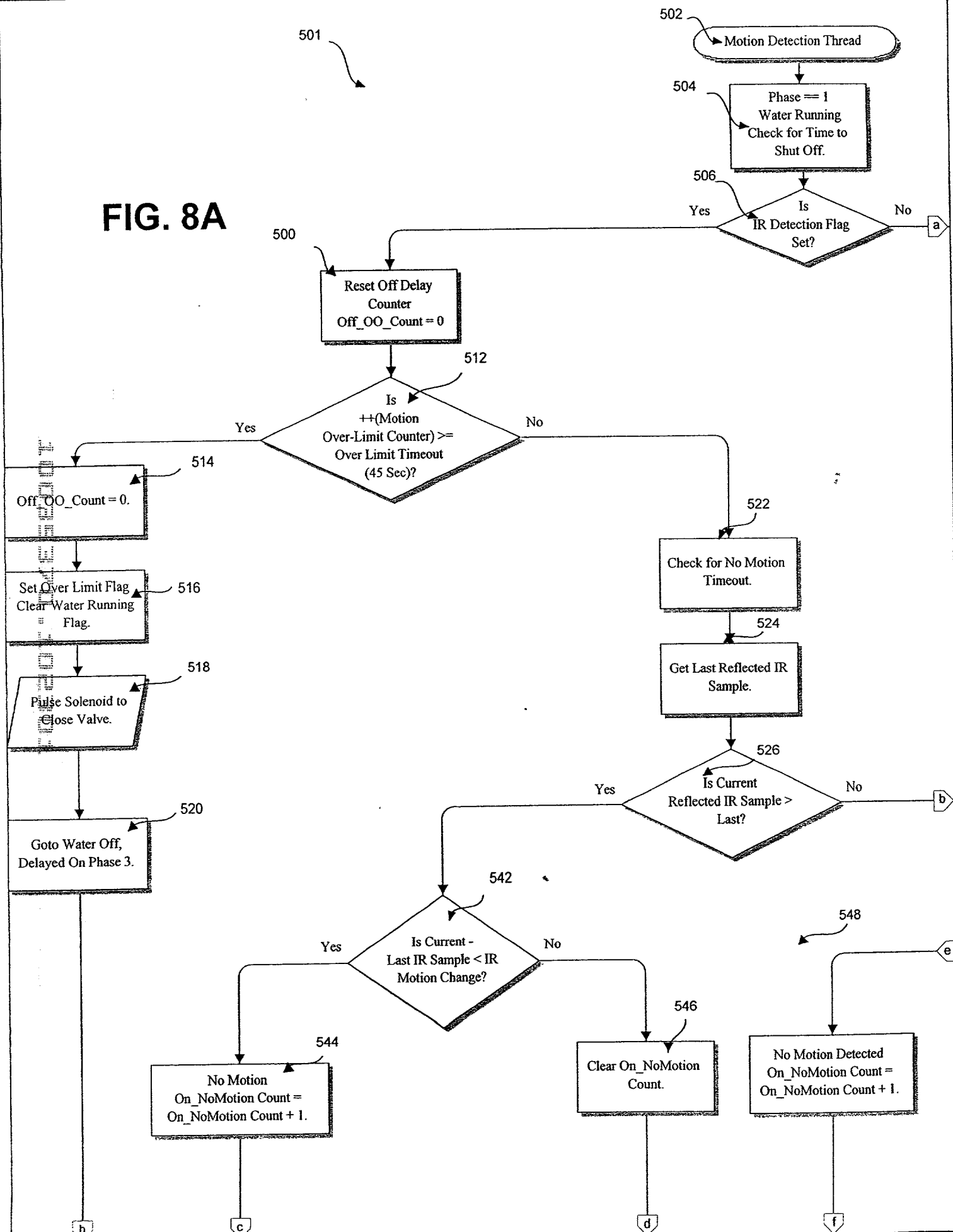


FIG. 8B

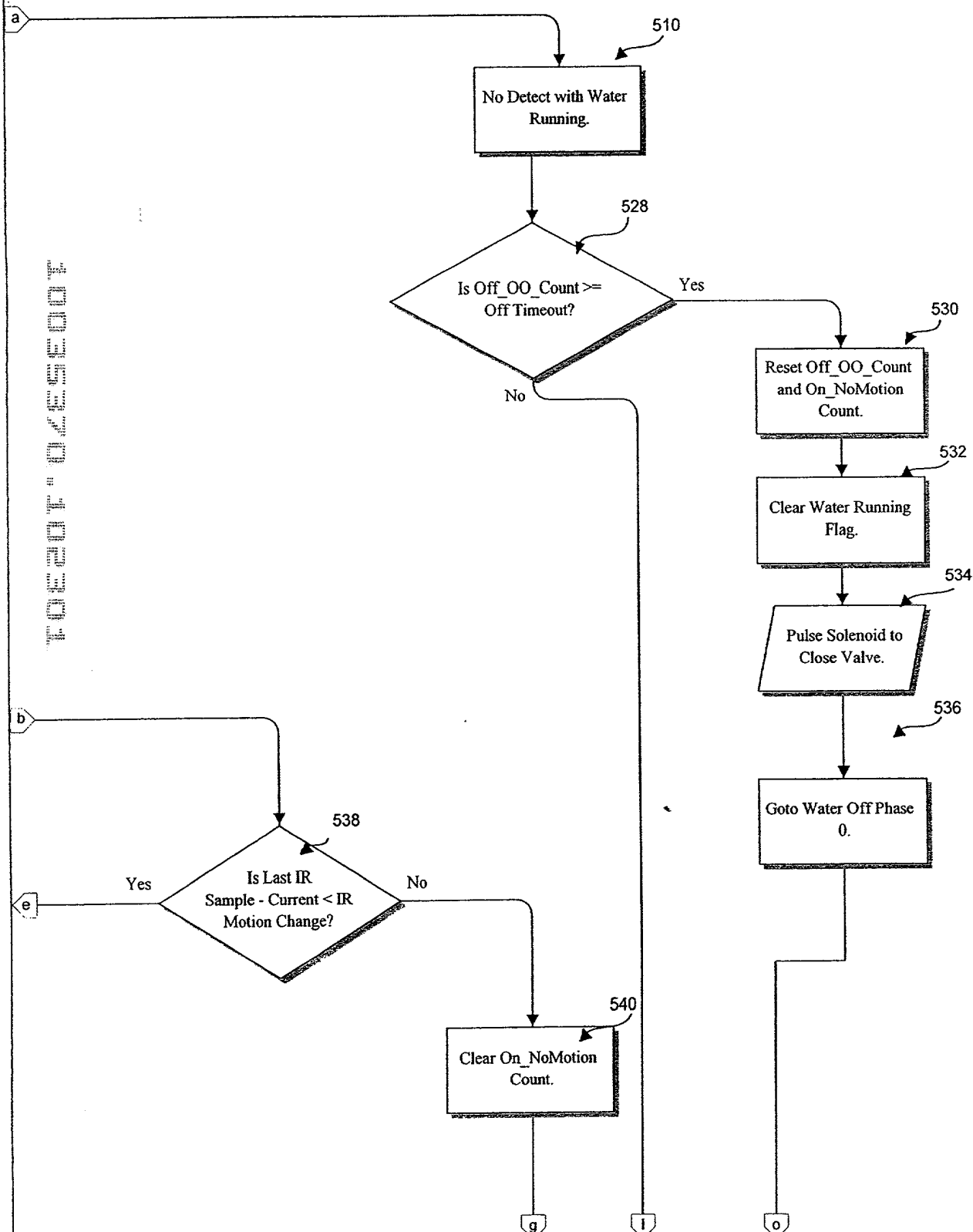
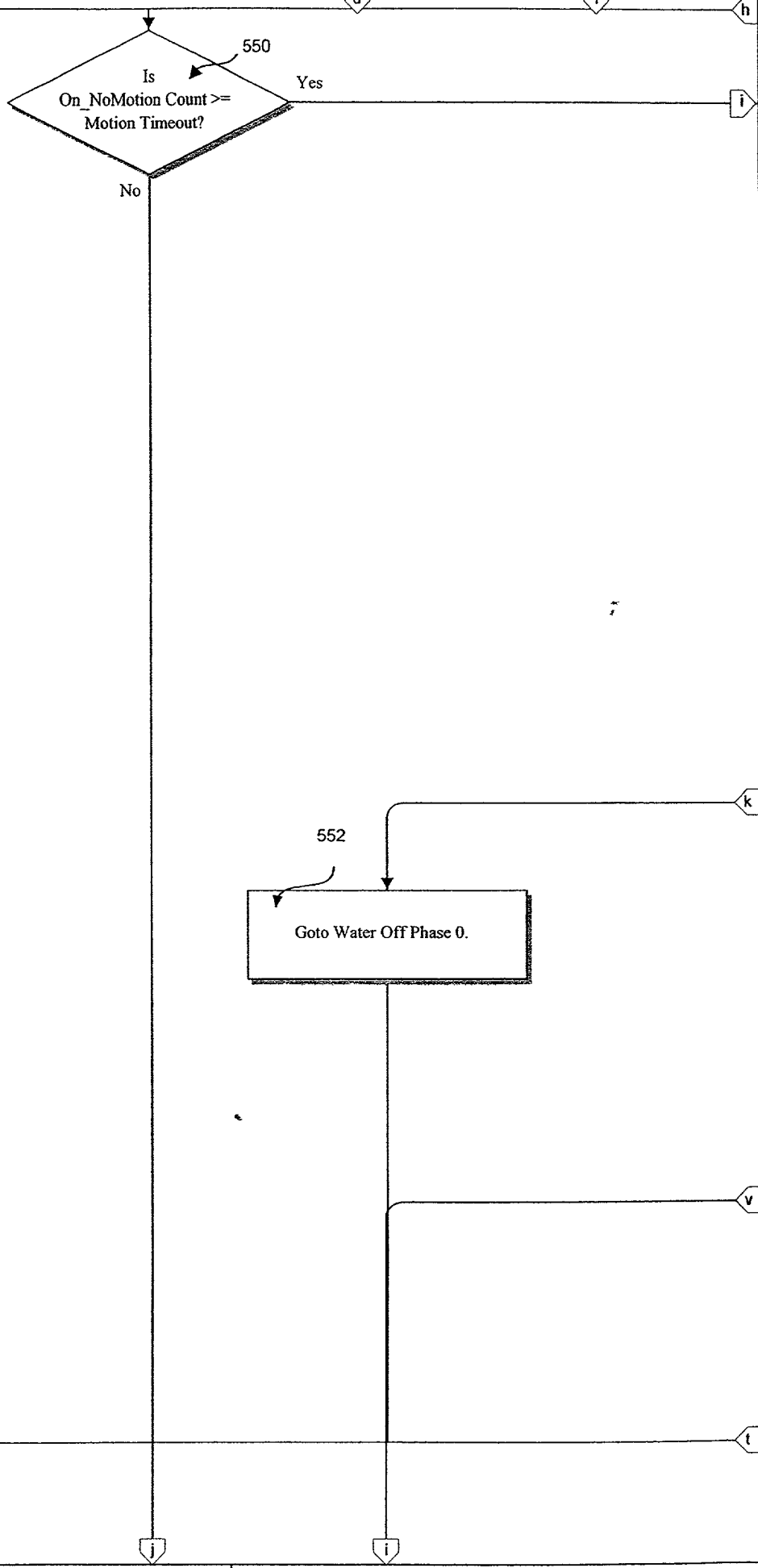


FIG. 8C

FIG. 8C



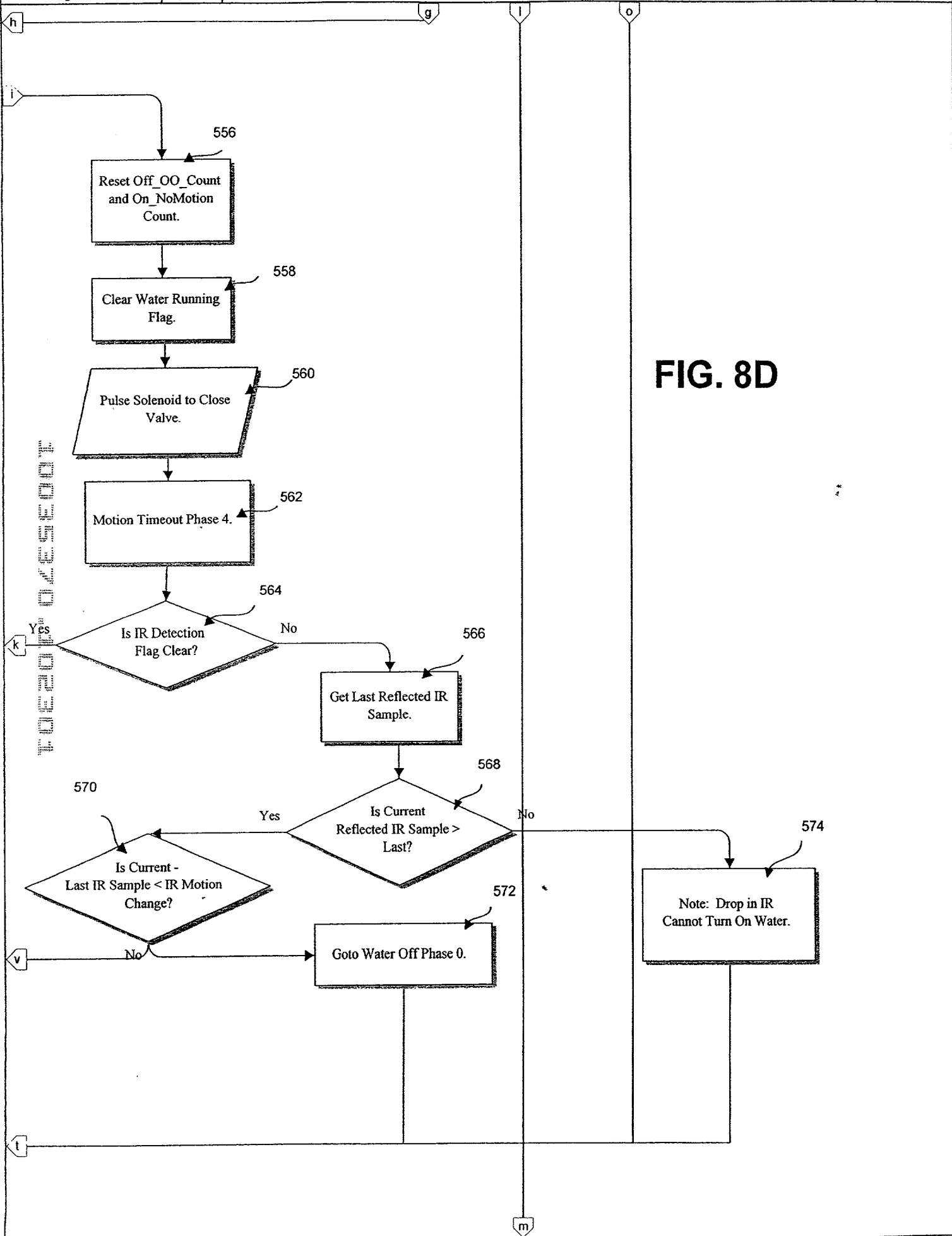


FIG. 8D



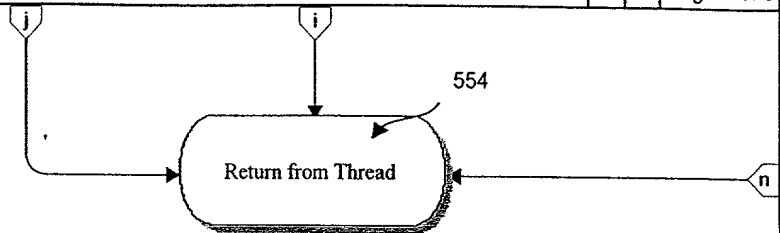
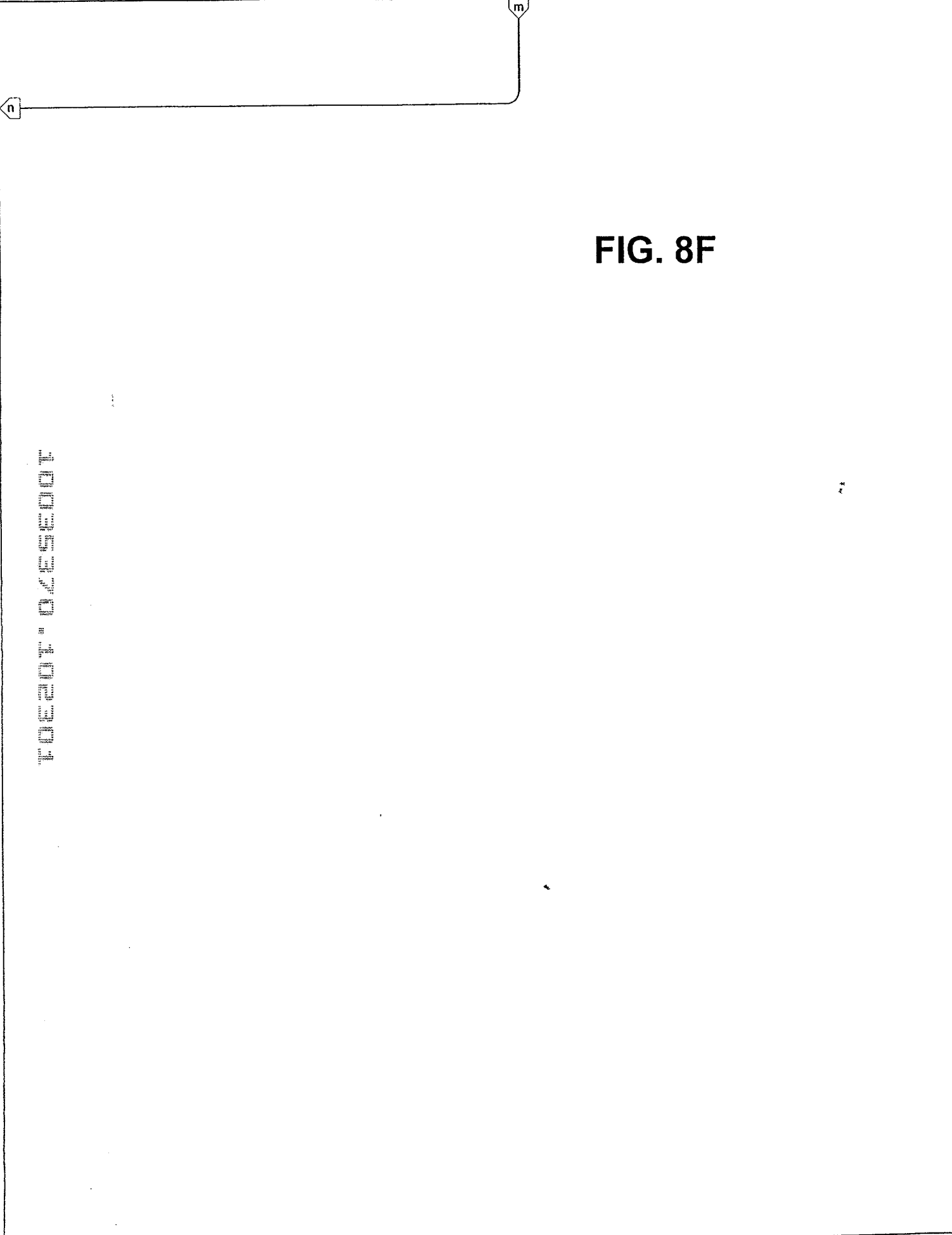


FIG. 8E



**FIG. 8F**

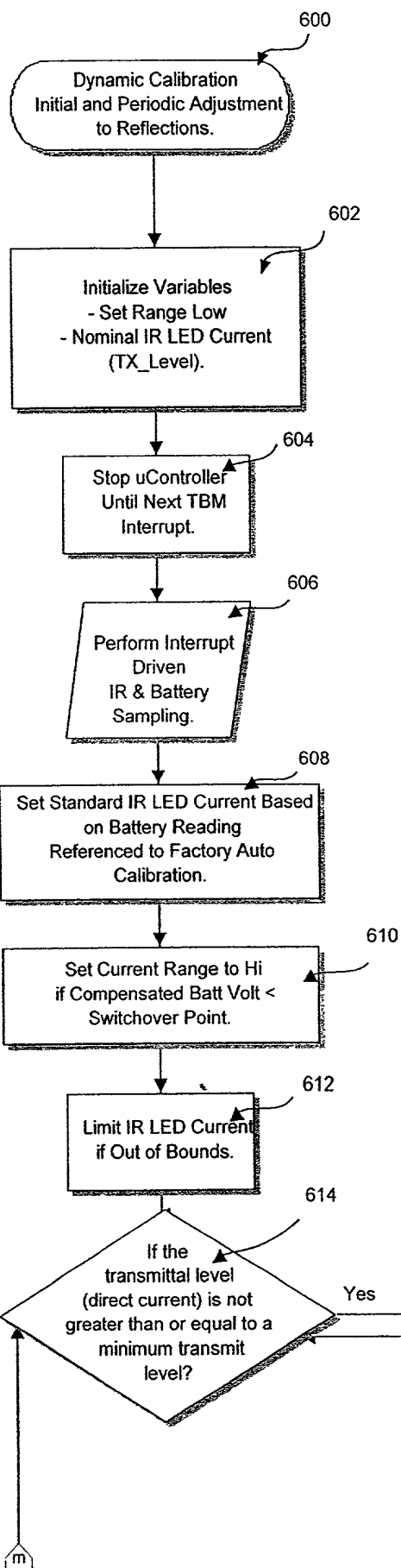
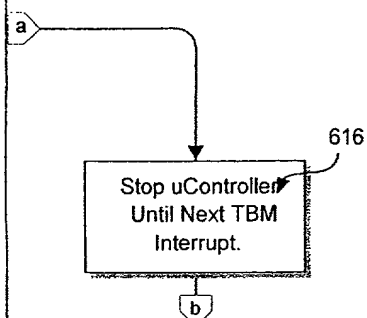


FIG. 9A

FIG. 9B

FIG. 9B



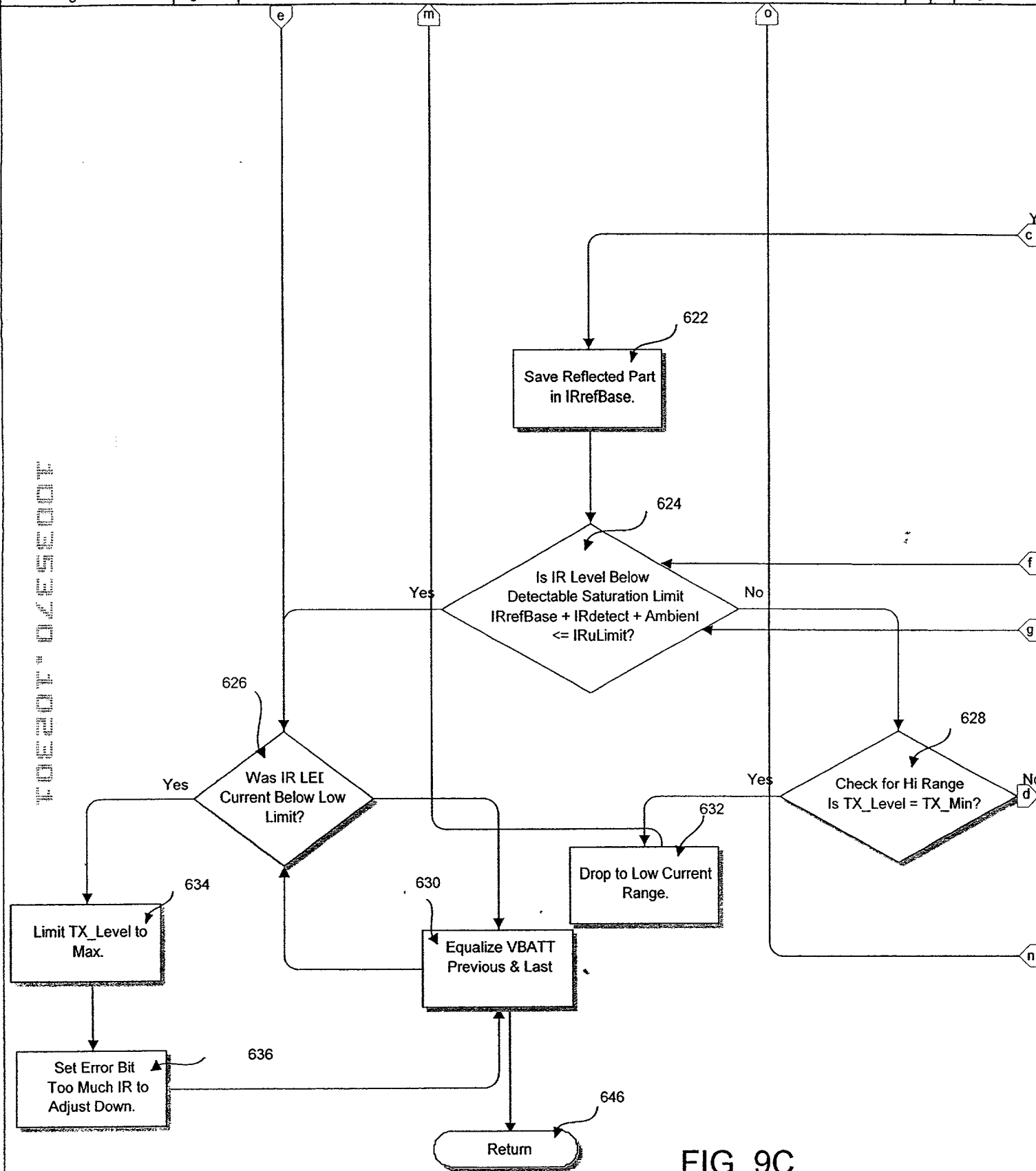


FIG. 9C

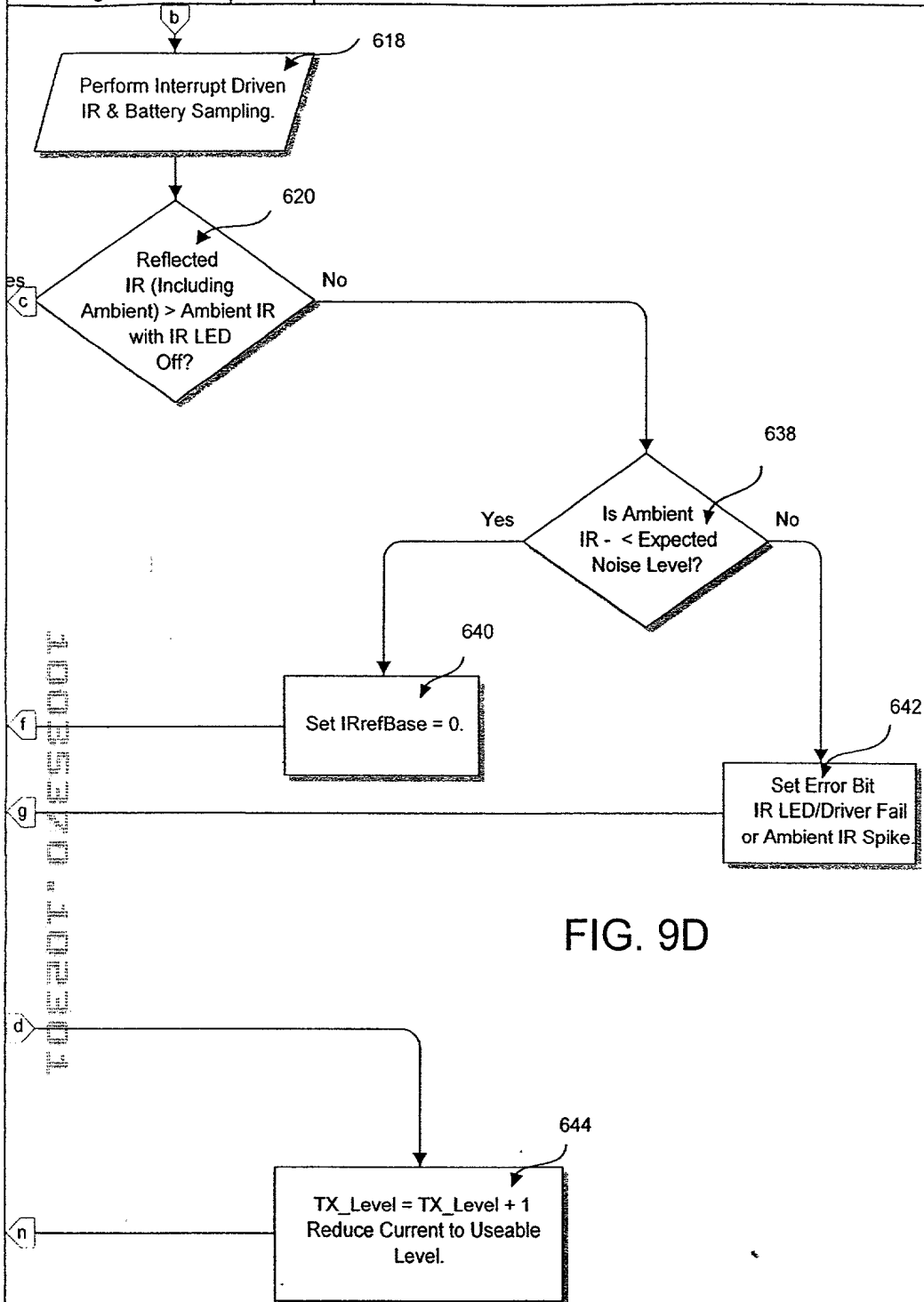


FIG. 9D

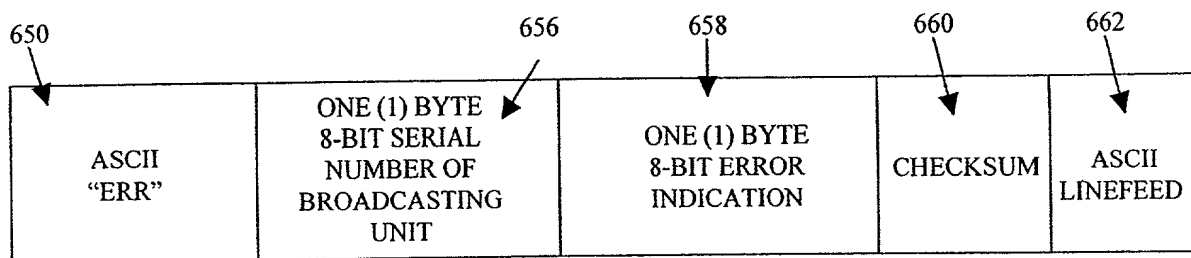


FIG. 10

1005330 102301

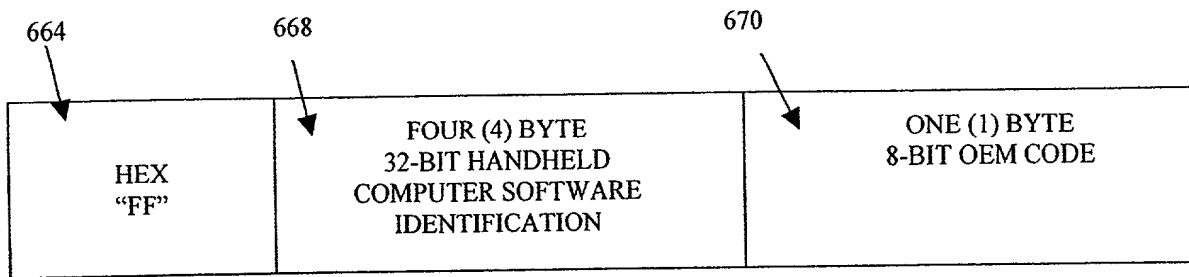


FIG. 11



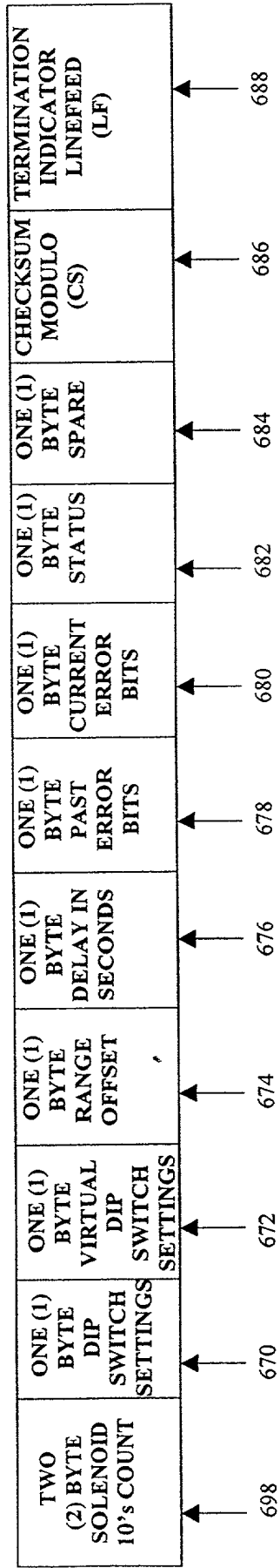
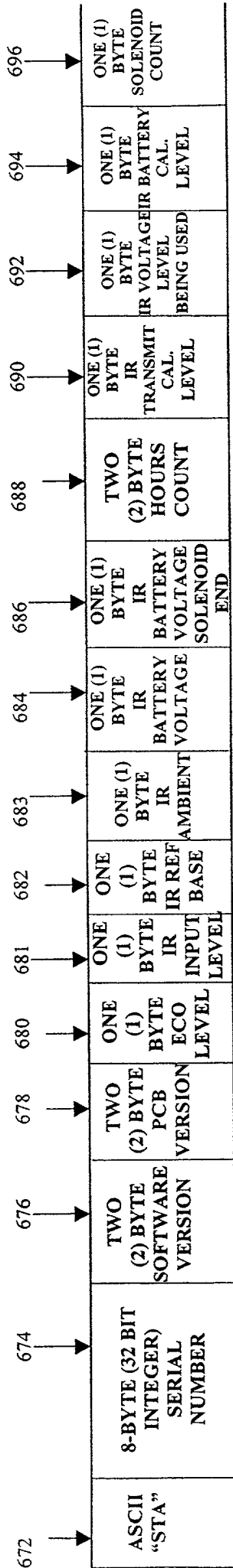
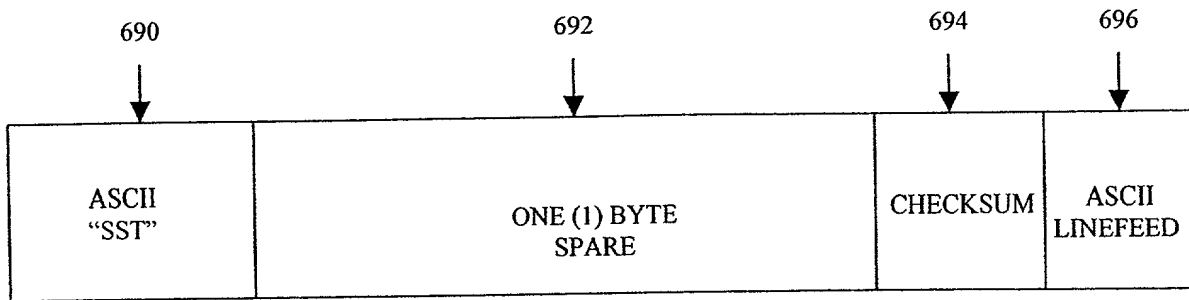


FIG. 12



**FIG. 13**

1003370 102394  
1003370 102394

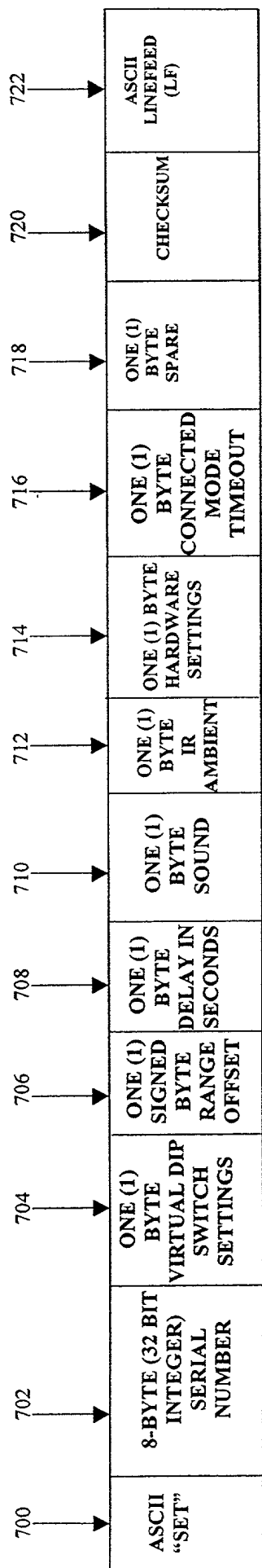


FIG. 14

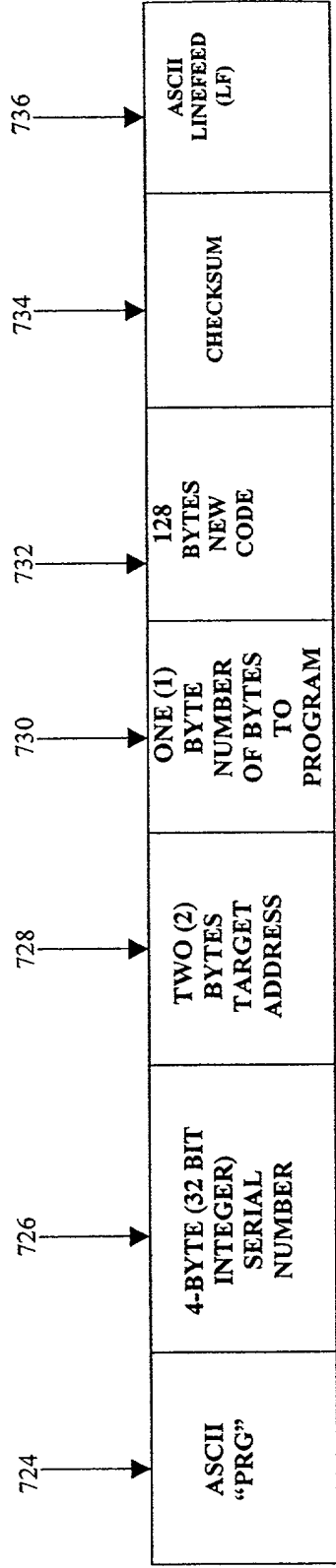
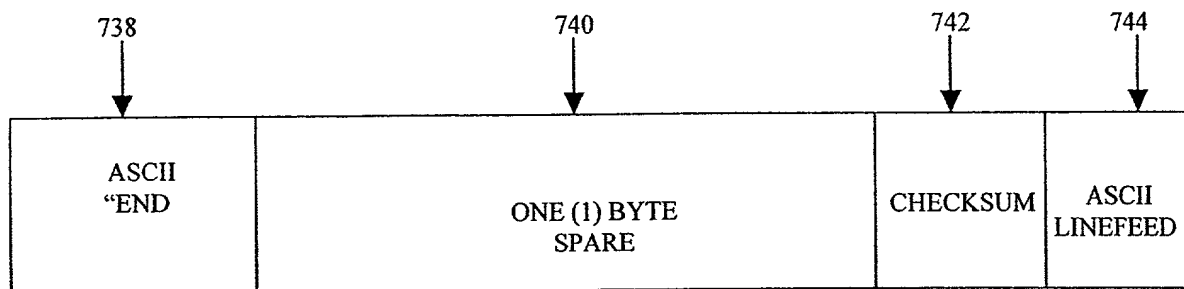


FIG. 15



**FIG. 16**

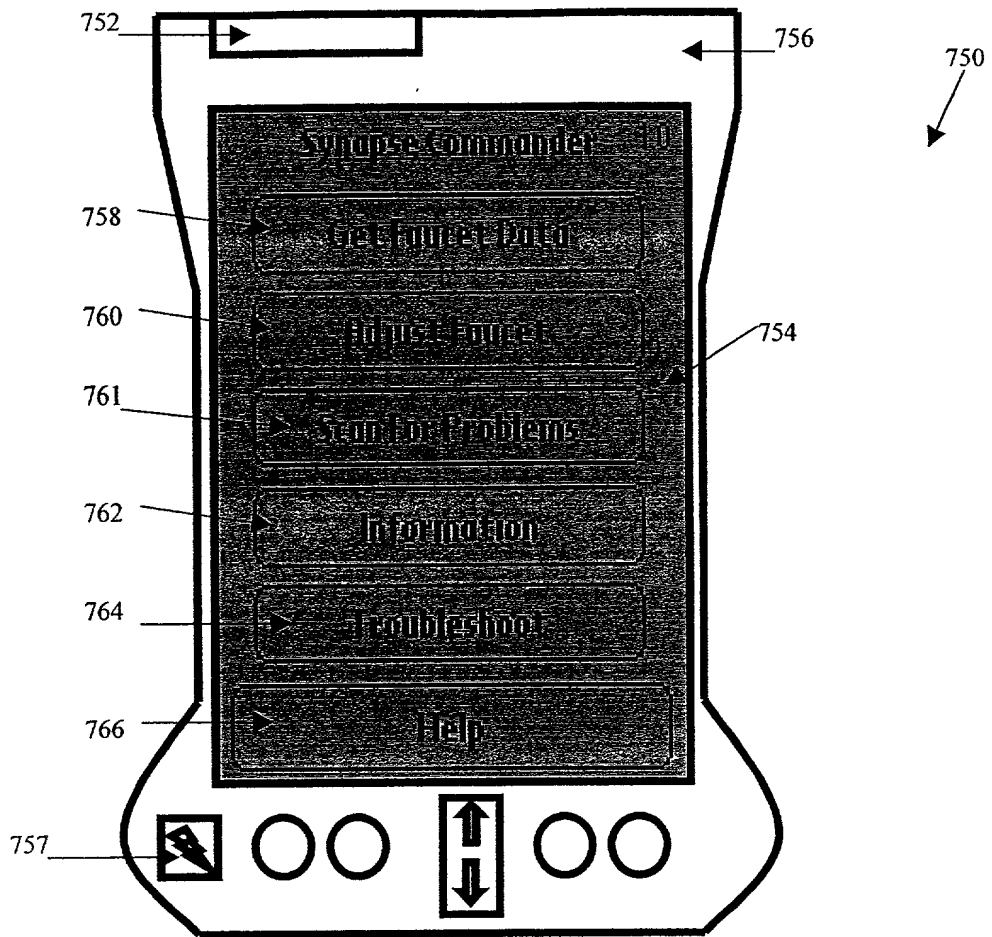


FIG. 17

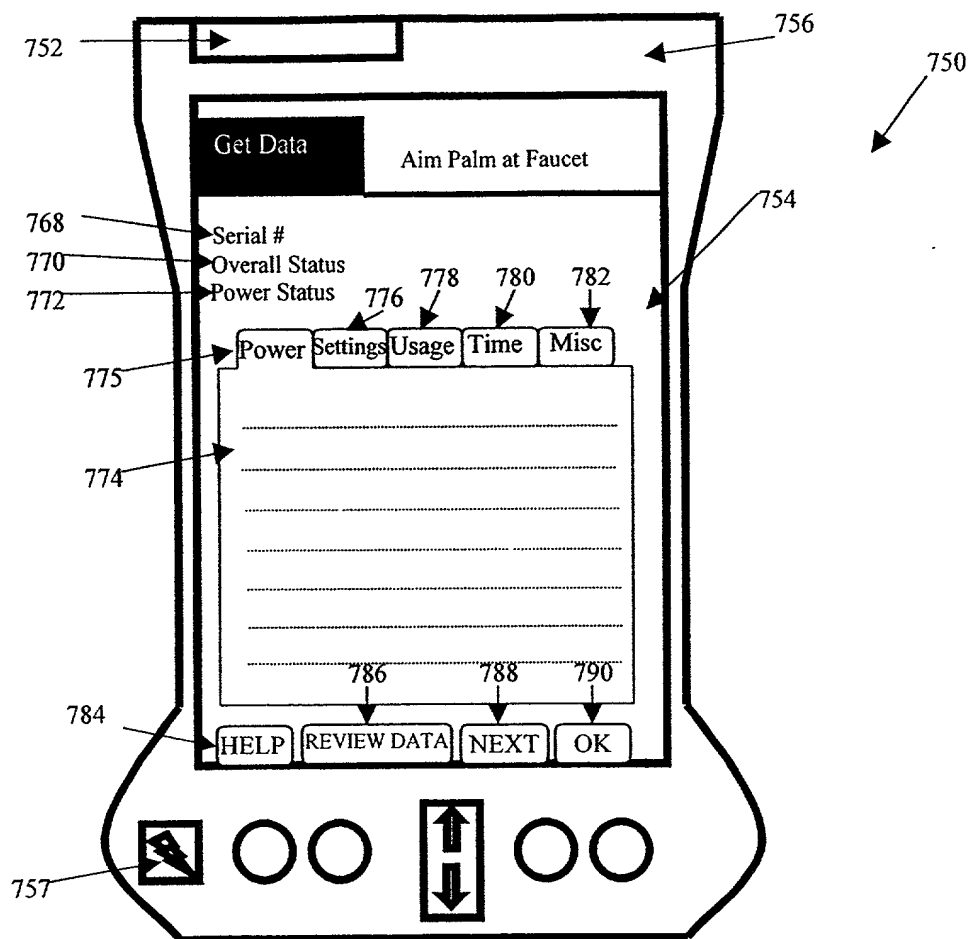


FIG. 18

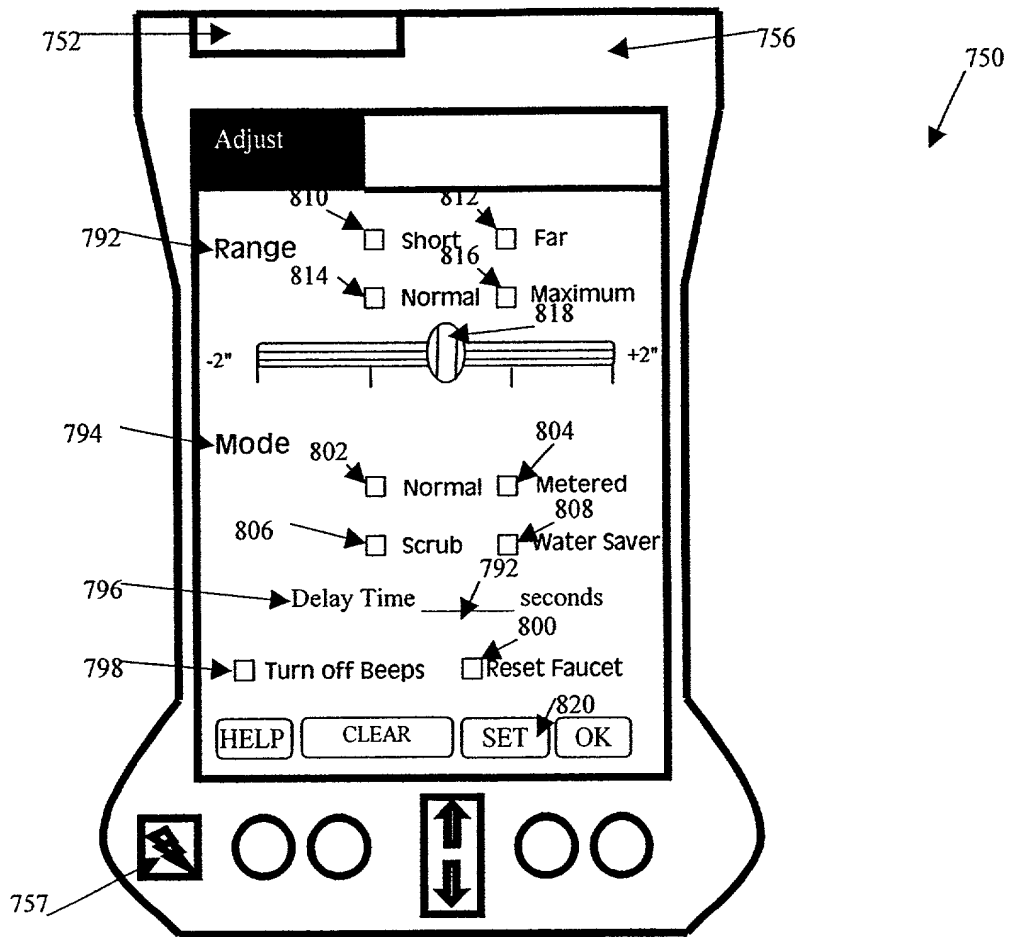


FIG. 19



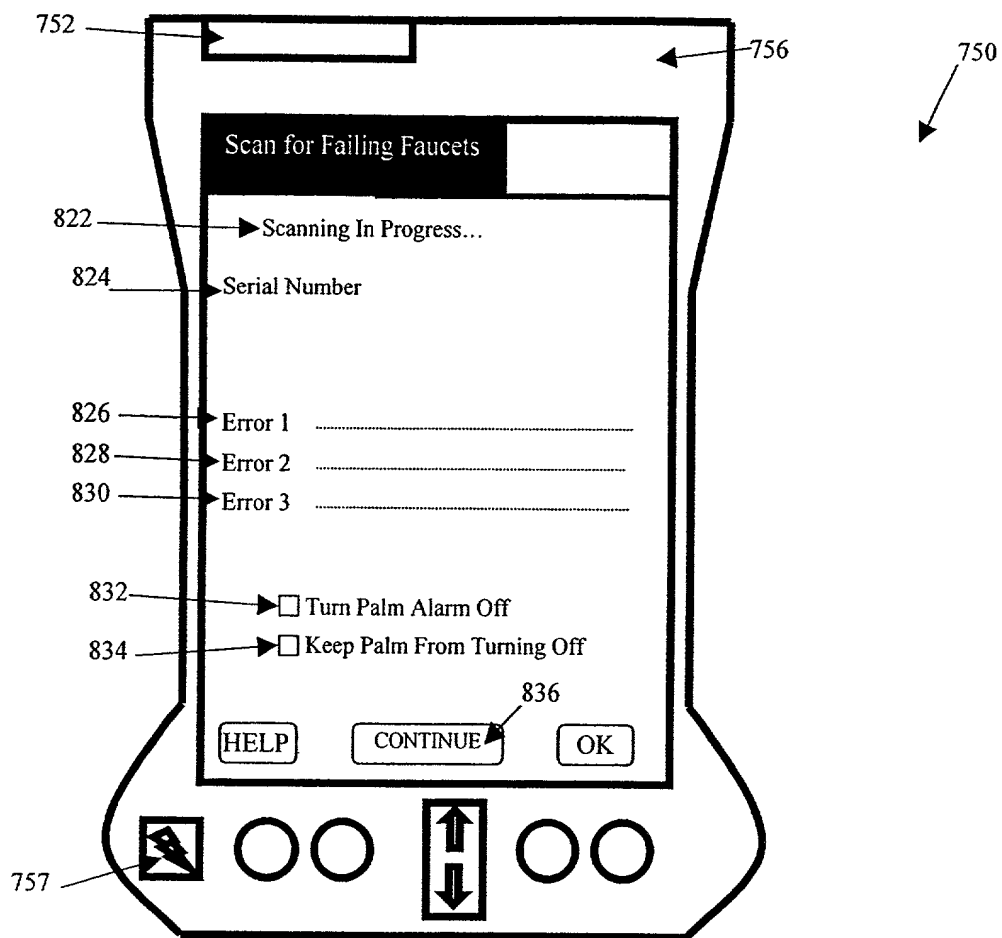


FIG. 20

FIG. 21A

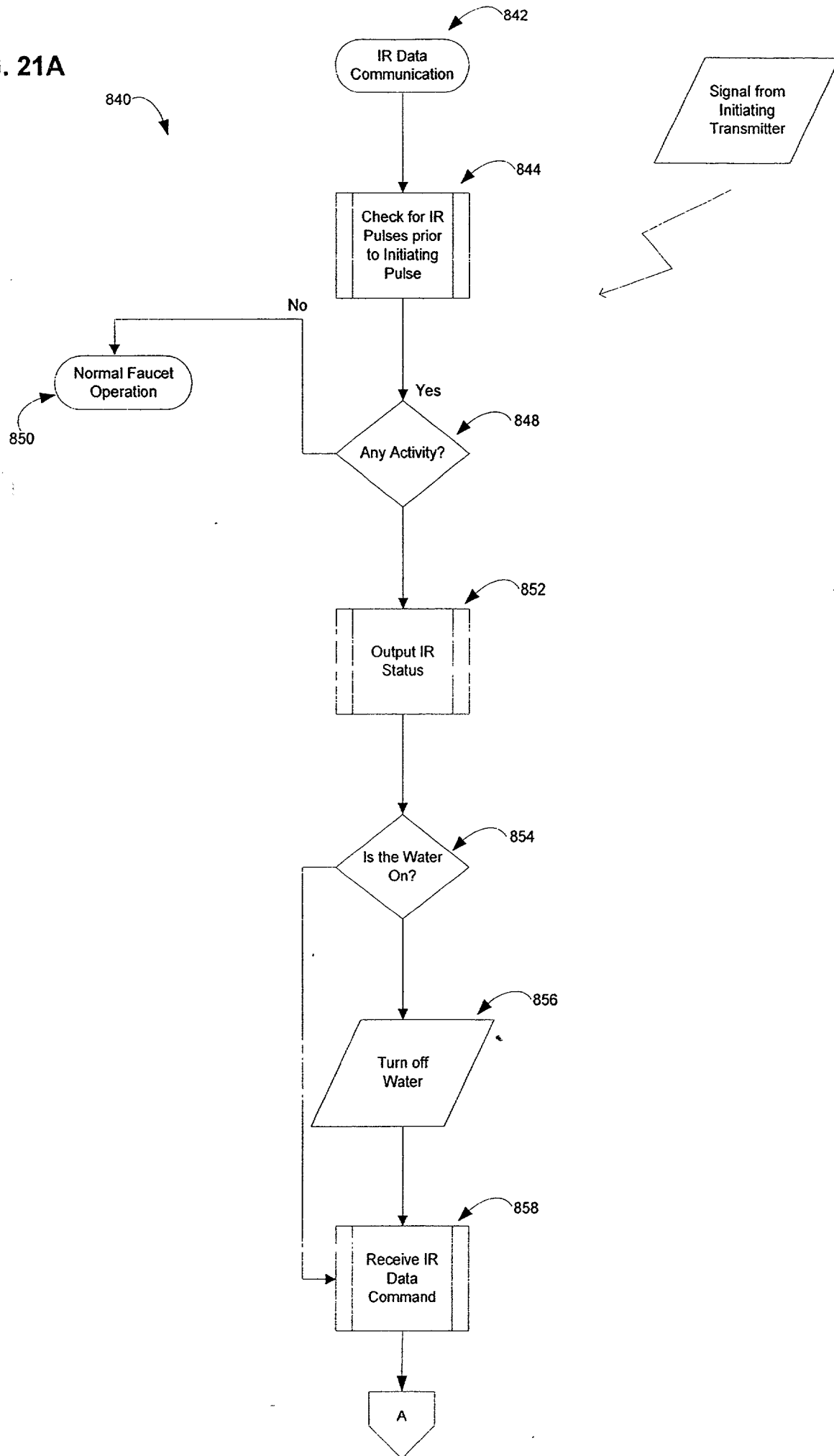


FIG. 21B

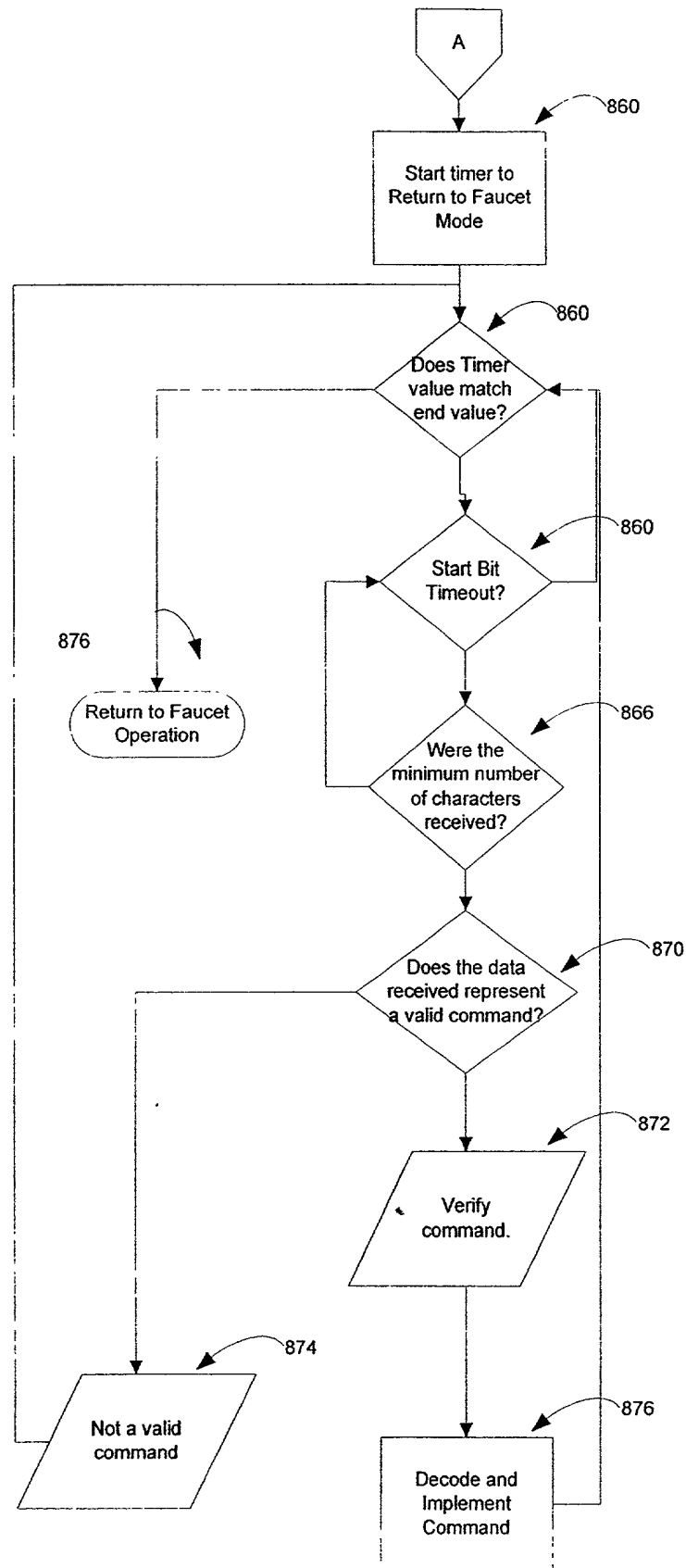
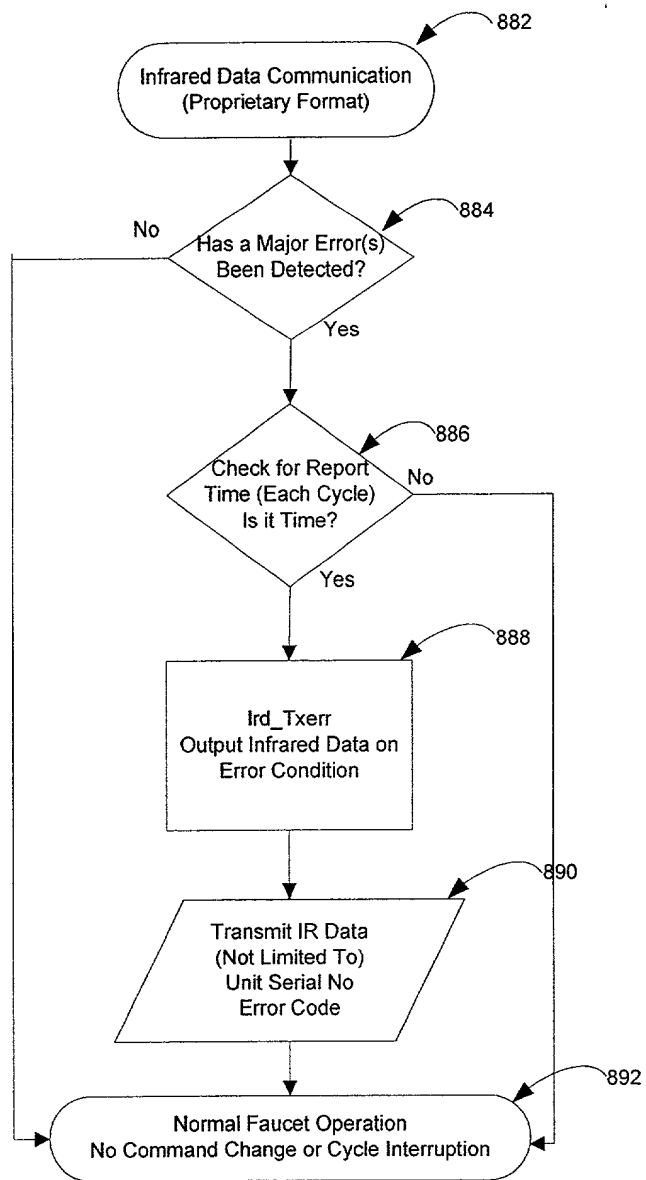


FIG. 22



**FIG. 23**  
**PRIOR ART**

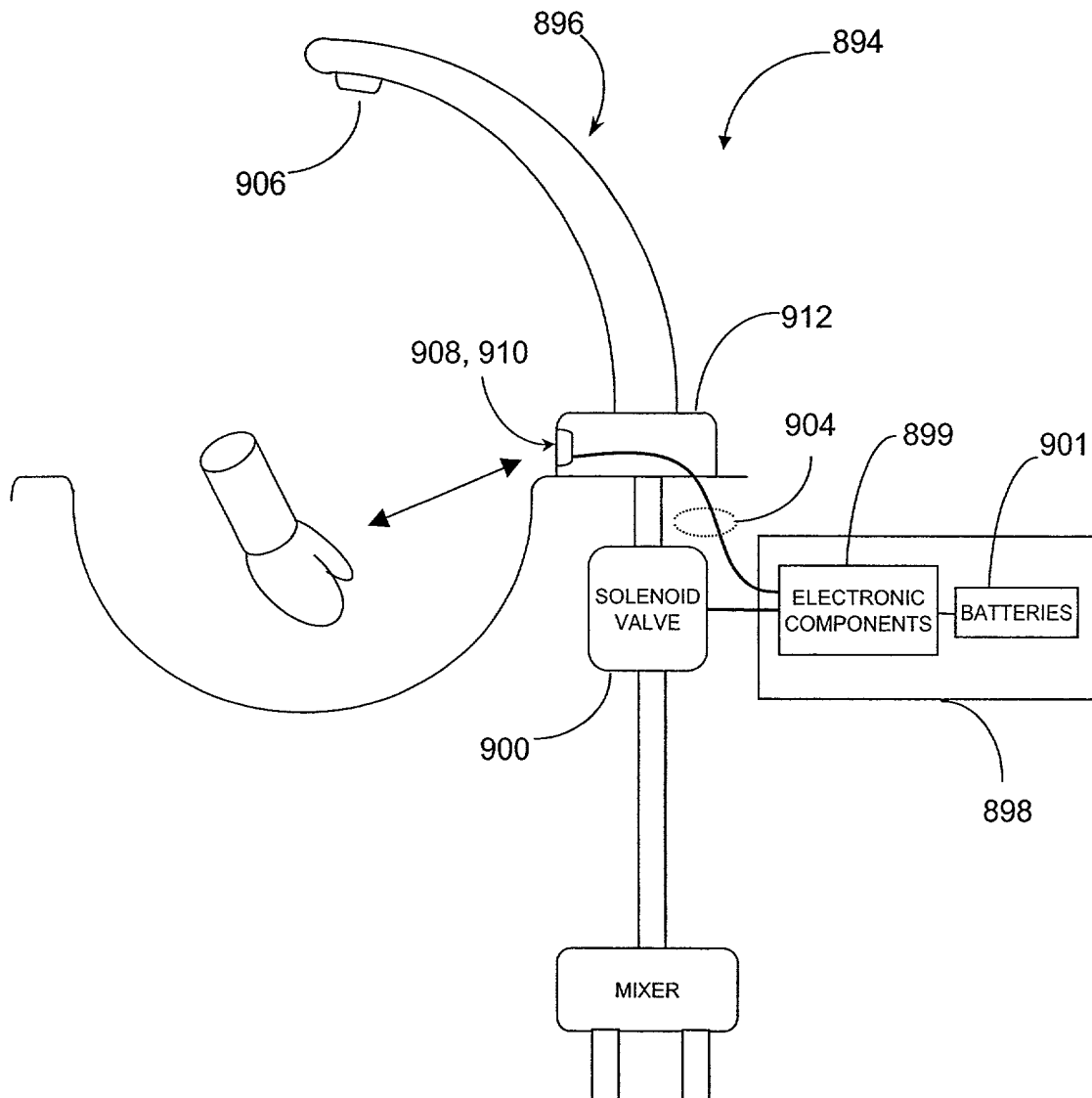


FIG. 24

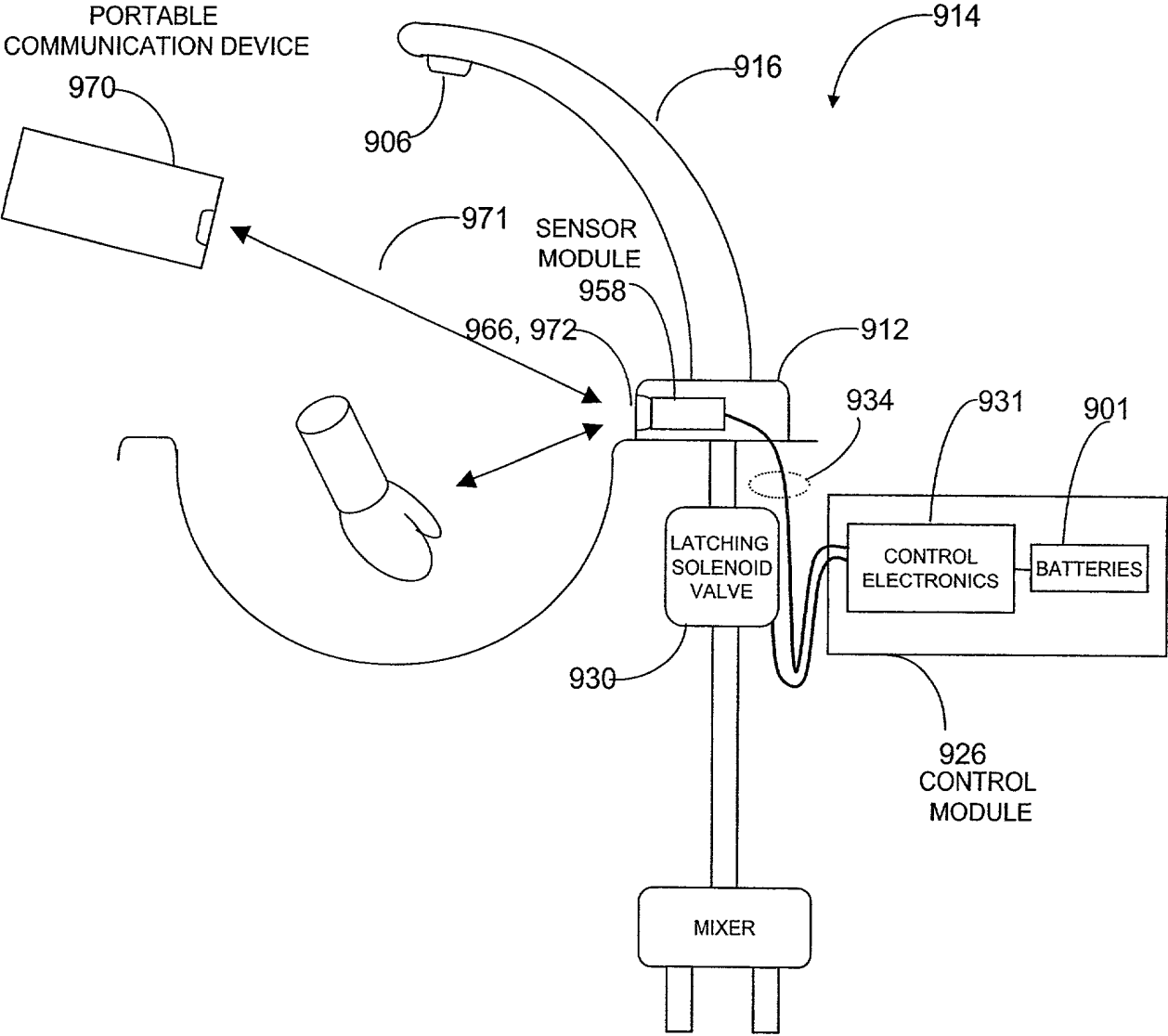


FIG. 24

FIG. 25

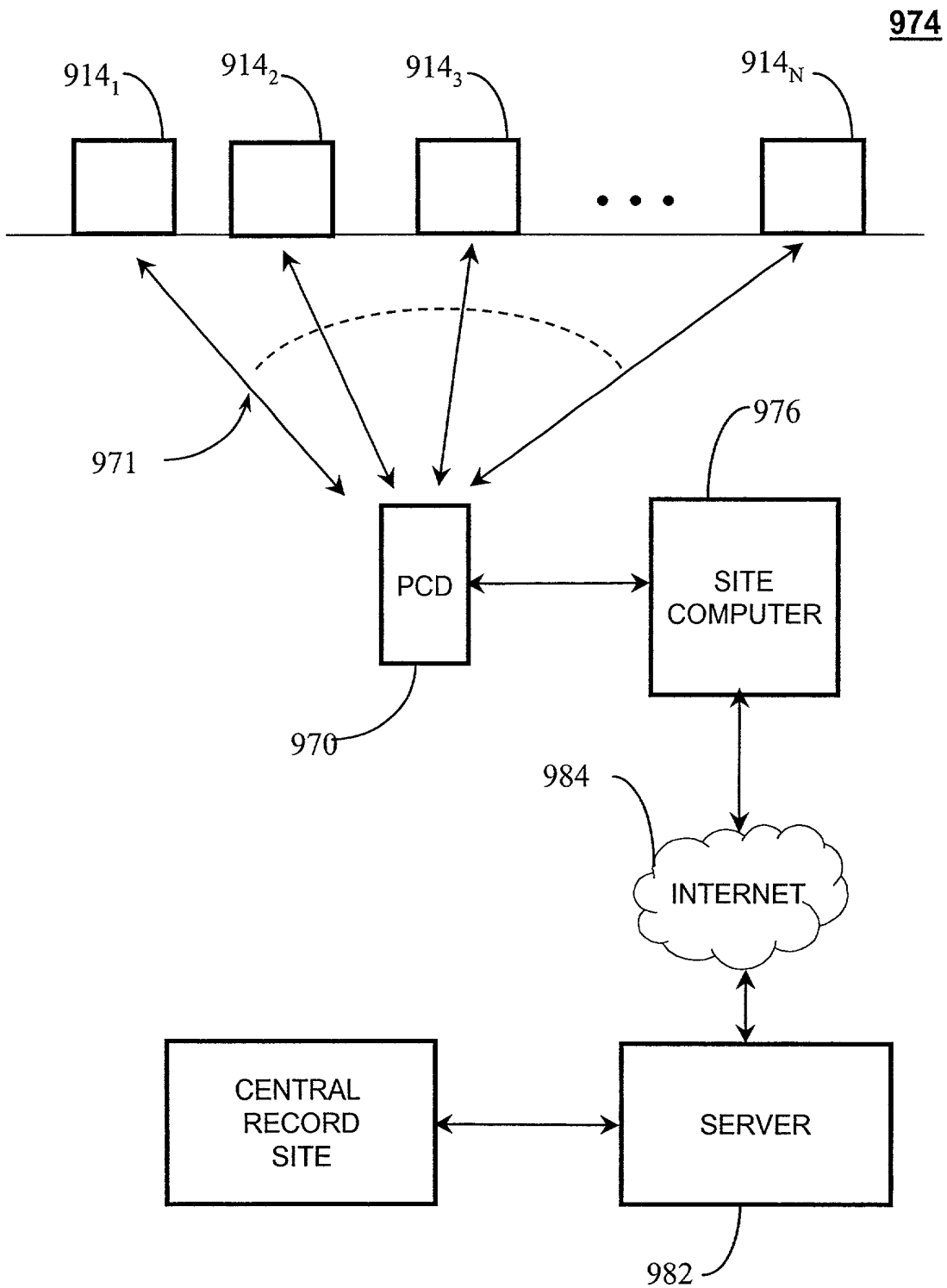


FIG. 26a

**Synapse Commander**

Get Faucet Data

Adjust Faucet

Scan For Problems

Information

Troubleshoot

Help

FIG. 26b

**Information**

Review & Modify Your Data

Reference Guide

Field Replacement Parts

Accessories

Contact Synapse

Contact Chicago Faucets

Help Ok

FIG. 26c

**Adjust**

Range ☐ Short ☐ Far  
☒ Normal ☐ Maximum

-2" 0 +2"

Mode ☒ Normal ☐ Metered  
☐ Scrub ☐ Water Saver

0 min 3 min

Help Set Other OK

FIG. 26d

**Get Status** Aim Palm at Faucet

Serial # 00000000

Overall Status Low Battery

Power Status Dead

Power	Settings	Usage	Location	Misc
Unloaded Volts		0 volts		
Loaded Volts		0 volts		
Time In Use		0 hours		
Replace Battery Date		1/20/03		

Help Note Next OK

FIG. 26e

**Field Replacement Parts** Galileo

**Mechanical Parts**

Lav Spout	570-001KJKCP
Gooseneck Spout	GN2AH8JKCP
Gooseneck Flange	170-202KJKCP
4" Coverplate	570-003KJKCP
8" Coverplate	570-008KJKCP
4" Cvrplate/Side-mix	550-018KJKCP
8" Cvrplate/Side-mix	570-135KJKCP

Electronics Miscellaneous

Mechanical Accessories OK

FIG. 26f

**Reference Guide**

**MODE DEFINITIONS**

**NORMAL**-Unit turns off 1.5 seconds after hands are removed.

**METERED**-Unit stays on for 10 seconds and then turns off.

**SCRUB**-Unit stays on for 60 seconds after removing hands.

**WATER SAVER**-Unit stays on 5 seconds and then turns off.

Back Next

Common Field Problems OK



FIG. 27

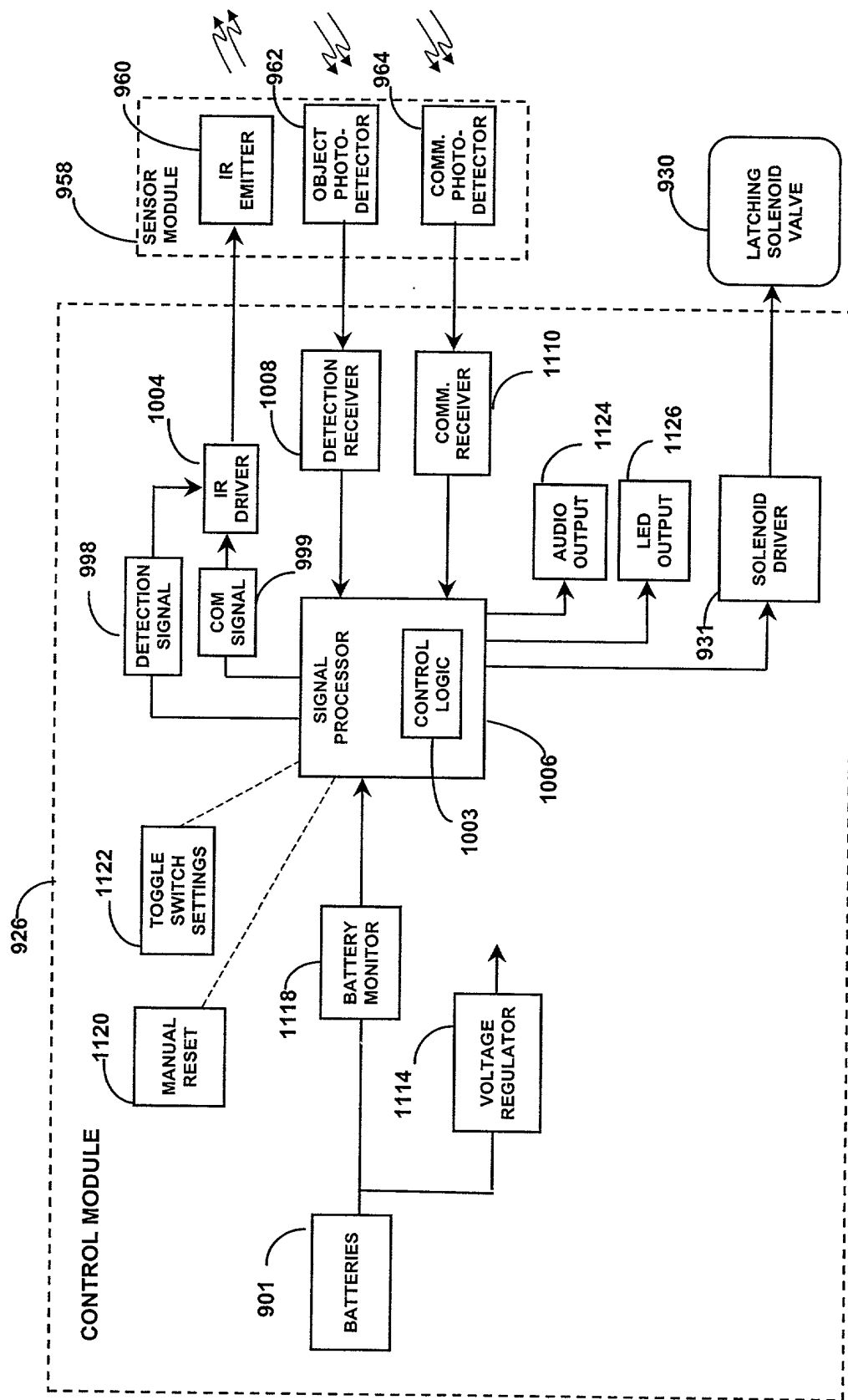


FIG. 28

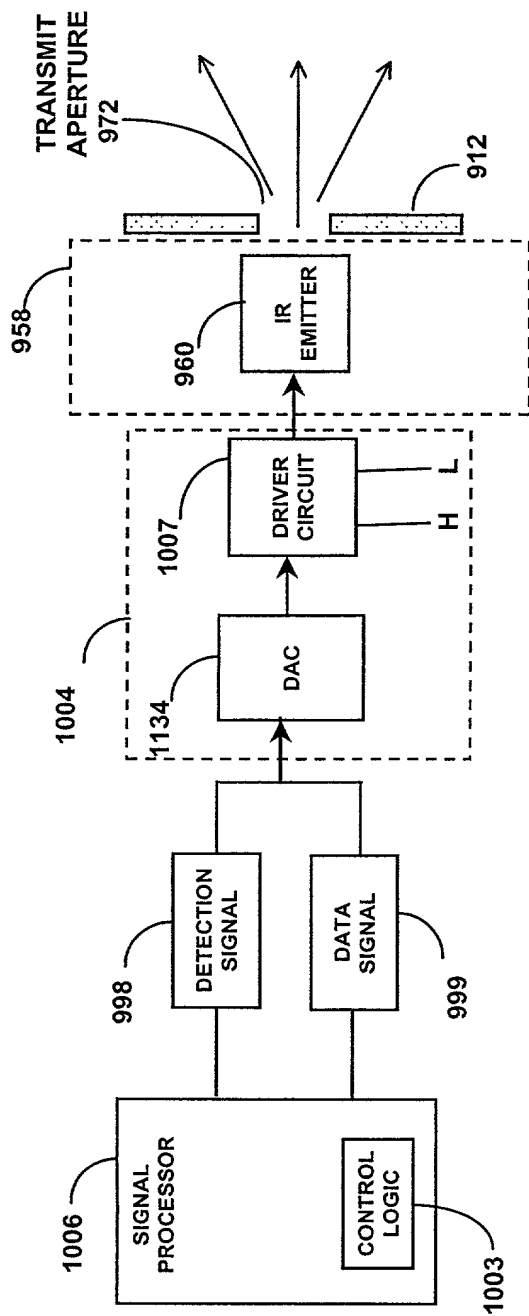


FIG. 29

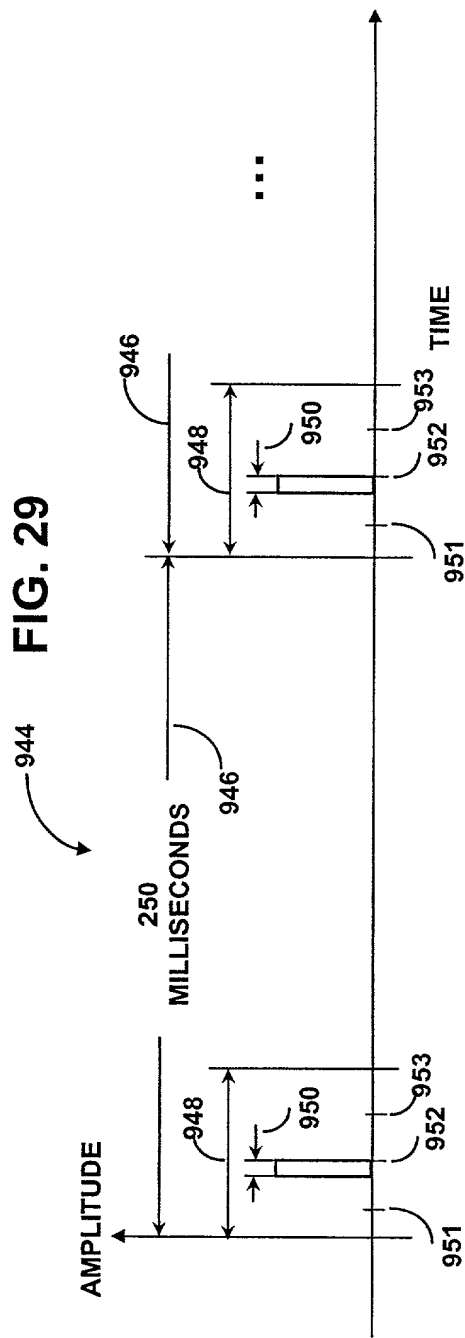
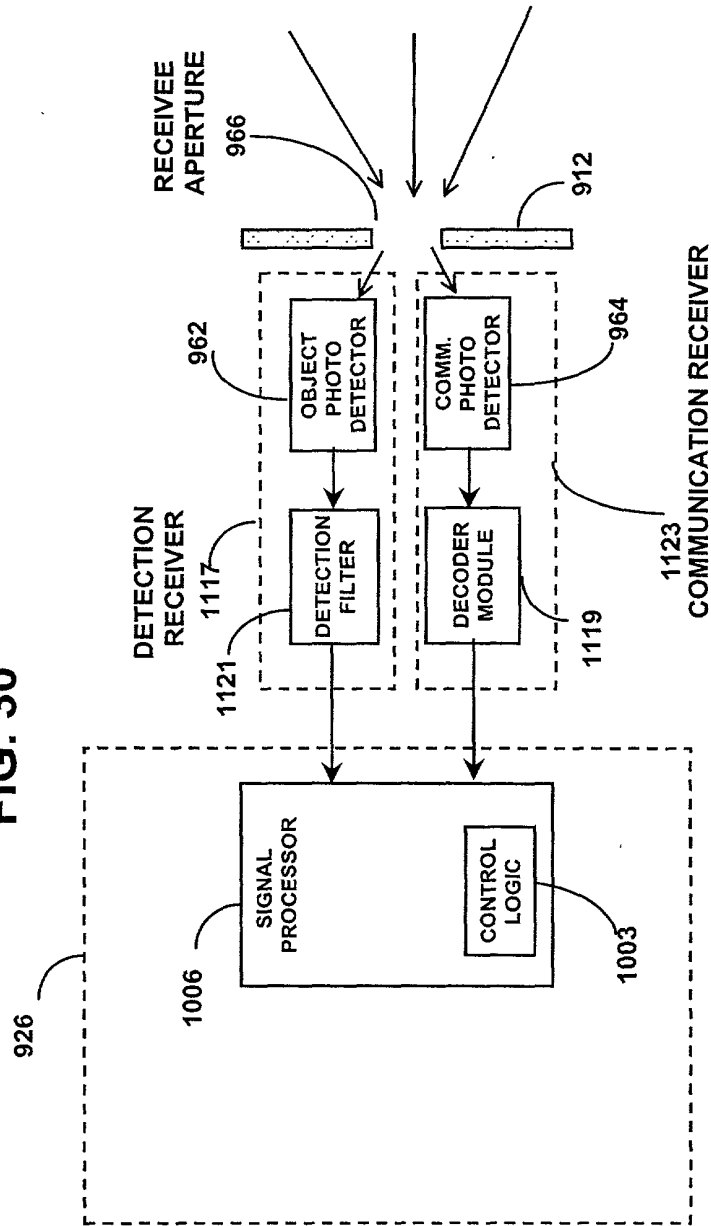


FIG. 30



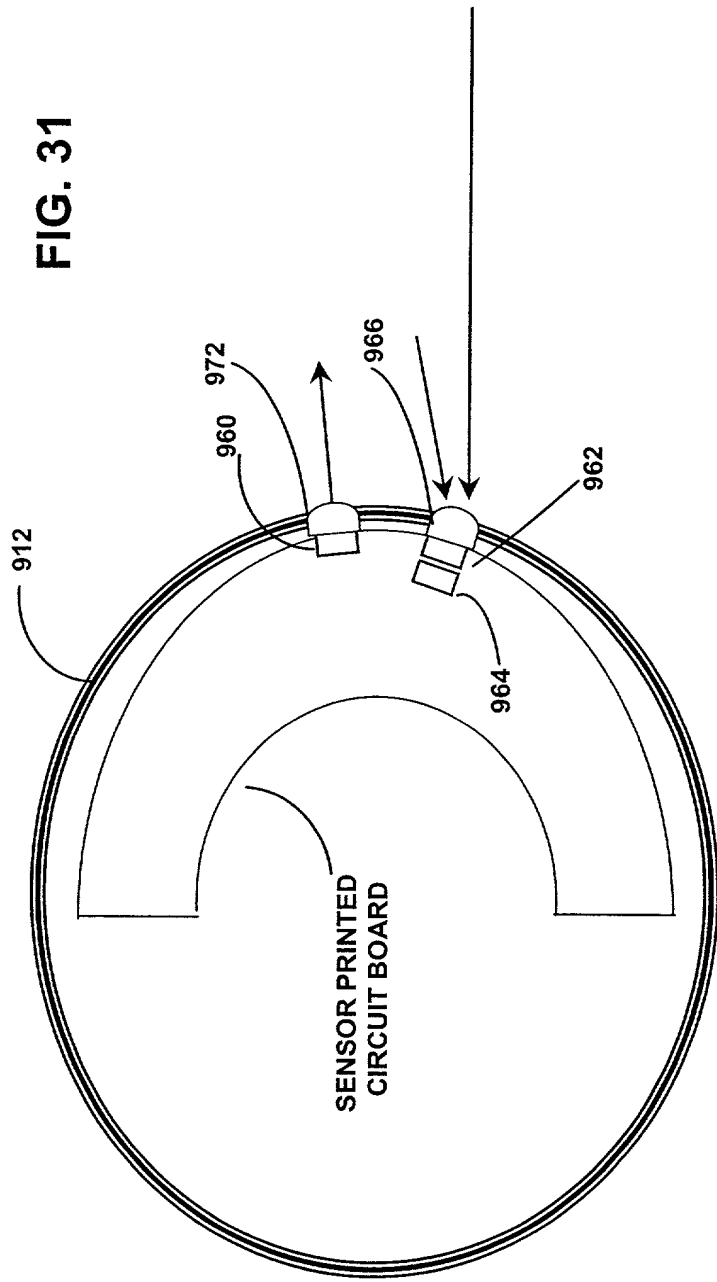
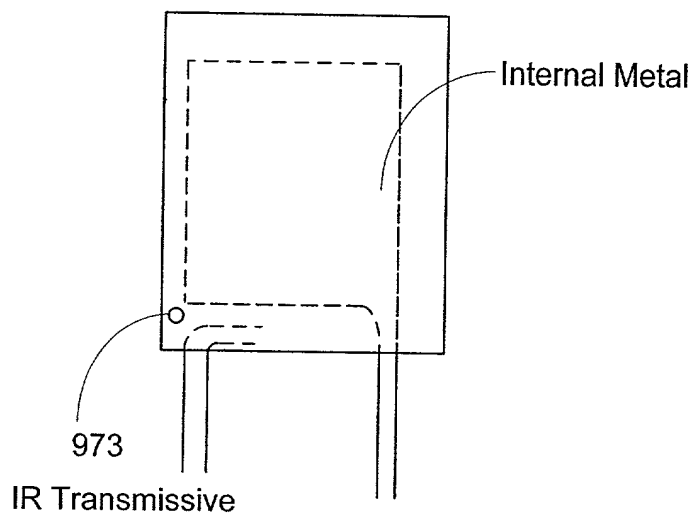
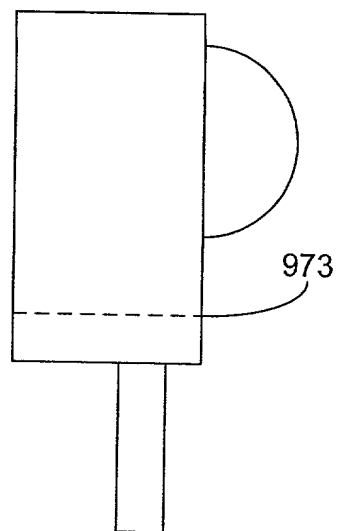


FIG. 31

**FIG. 32a**



**FIG. 32b**



**FIG. 32c**

